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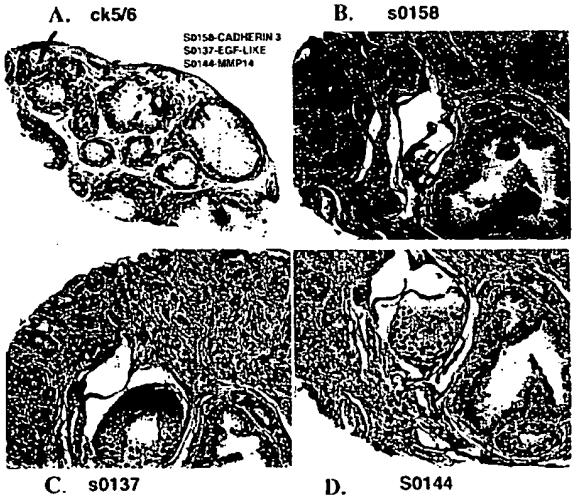

(57) Abstract: The invention provides a variety of reagents for use in the diagnosis and management of breast cancer. The invention utilizes cDNA microarray technology to identify genes whose expression profile across a large group of tumor samples correlates with that of cytokeratin 5 and cytokeratin 17, markers for basal cells of the normal mammary lactation gland. The invention demonstrates that tumors that express cytokeratin 5/6 and/or 17 have a poor prognosis relative to tumors overall. The invention provides basal marker genes and their expression products and uses of these genes for diagnosis of breast cancer and for identification of therapies for breast cancer. In particular, the invention provides basal marker genes including cadherin3, matrix metalloproteinase 14, and cadherin EGF LAG seven-pass G-type receptor 2. The invention provides antibodies to the polypeptides expressed by these genes and methods of use thereof.

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BASAL CELL MARKERS IN BREAST CANCER AND USES THEREOF

GOVERNMENT SUPPORT

The U.S. Government has a paid-up license in this invention and the right in limited circumstances to require the patent owner to license others on reasonable terms as provided for by the terms of Grant No. NIH CA 77097 awarded by the National Cancer Institute.

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims priority to provisional application U.S.S.N 60/220,967, filed July 26, 2000, which is incorporated herein by reference.

BACKGROUND OF THE INVENTION

A major challenge of cancer treatment is to target specific therapies to distinct tumor types in order to maximize efficacy and minimize toxicity. A related challenge lies in the attempt to provide accurate diagnostic, prognostic, and predictive information. At present, tumors are described with the tumor-node-metastasis (TNM) system. This system, which uses the size of the tumor, the presence or absence of tumor in regional lymph nodes, and the presence or absence of distant metastases, to assign a stage to the tumor is described in the American Joint Committee on Cancer: AJCC Cancer Staging Manual. Philadelphia, Pa: Lippincott-Raven Publishers, 5th ed., 1997, pp 171-180, and in Harris, JR: "Staging of breast carcinoma" in Harris, J.R., Hellman, S., Henderson, I.C., Kinne D.W. (eds.): *Breast Diseases*. Philadelphia, Lippincott, 1991. The assigned stage is used as a basis for selection of appropriate therapy and for prognostic purposes. In addition to the TNM parameters, morphologic appearance is used to further classify tumors and thereby aid in selection of appropriate therapy. However, this approach has serious limitations. Tumors with similar histopathologic appearance can exhibit significant variability in terms of clinical course and response to therapy. For example, some tumors are rapidly progressive while others are not. Some tumors respond readily to hormonal therapy or chemotherapy while others are resistant.

Assays for cell surface markers, e.g., using immunohistochemistry, have provided means for dividing certain tumor types into subclasses. For example, one factor considered in prognosis and in treatment decisions for breast cancer is the presence or absence of the estrogen receptor (ER) in tumor samples. ER-positive breast cancers typically respond much more readily to hormonal therapies such as tamoxifen, which acts as an anti-estrogen in breast tissue, than ER-negative tumors. Though useful, these analyses only in part predict the clinical behavior of breast tumors. There is phenotypic diversity present in breast cancers that current diagnostic tools fail to detect. Therefore, there exists a need for improved methods for classifying tumors.

Mutation or dysregulation of any of a large number of genes contributes to the development and progression of cancer as discussed in Hanahan, D. and Weinberg, R., The Hallmarks of Cancer, *Cell*, 100, 57-70, 2000. Genes that play a role in cancer can be divided into a number of broad classes including oncogenes, tumor suppressor genes, and genes that regulate apoptosis. Oncogenes such as *ras* typically encode proteins whose activities promote cell growth and/or division, a function that is necessary for normal physiological processes such as development, tissue regeneration, and wound healing. However, inappropriate activity or expression of oncogenes can lead to the uncontrolled cell proliferation that is a feature of cancer. Tumor suppressor genes such as *Rb* act as negative regulators of cell proliferation. Loss of their activity, e.g., due to mutations or decreased expression at the level of mRNA or protein, can lead to unrestrained cell division. A number of familial cancer syndromes and inherited susceptibility to cancer are believed to be caused by mutations in tumor suppressor genes. Apoptosis, or programmed cell death, plays important roles both in normal development and in surveillance to eliminate cells whose survival may be deleterious to the organism, e.g., cells that have acquired DNA damage. Many chemotherapeutic agents are believed to work by activating the endogenous apoptosis pathway in tumor cells.

Although a substantial number of genes have been implicated as playing important roles in cancer, the factors responsible for the phenotypic diversity of tumors remain largely unknown. In particular, understanding of the underlying differences in gene expression that may contribute to tumor phenotype is limited.

Understanding the differences in gene expression between normal and cancerous tissue and between different tumors of the same tissue type is of significant diagnostic, prognostic, and therapeutic utility. There is therefore a need for the identification of genes exhibiting differential expression between tumors. In particular, there is a need for the identification of additional genes and proteins that can be used to classify tumors, especially genes and proteins that can provide diagnostic, prognostic, and/or predictive information in cancer. There is also a need for antibodies and other reagents for the detection and measurement of such genes and proteins.

Most of the commonly used chemotherapeutic agents act relatively nonselectively. Rather than specifically killing tumor cells, these agents target any dividing cell, resulting in a variety of adverse effects. In addition, current therapeutic strategies are of limited efficacy, and the mortality rate of breast cancer remains high. There is therefore a need for the identification of additional genes and proteins that can be used as targets for the treatment of cancer. There is also a need for antibodies and other reagents that can modulate, regulate, or interact with these genes and proteins to provide new method of treatment for cancer.

SUMMARY OF THE INVENTION

The present invention relates to the identification of markers that are useful in classifying tumors, particularly breast tumors. The markers identify a class of tumors whose cells have characteristics of basal cells of normal breast lactation ducts. The markers were identified based on their expression profiles in human breast tumor samples, normal breast tissue, and cell lines as assessed using cDNA microarrays. In particular, the basal cell markers of the present invention were identified based on the similarity of their mRNA expression patterns to the expression patterns of markers previously known to identify breast duct basal cells, e.g., cytokeratin 5 and cytokeratin 17, across a set of breast tumor samples. The basal markers include the three genes known as cadherin 3 or P-cadherin (SEQ ID NO:1; GenBank protein accession number NP_001399; GenBank cDNA accession number NM_001408), matrix metalloproteinase 14 (SEQ ID NO:2; GenBank protein accession number NP_004986; GenBank cDNA accession number NM_004995); and cadherin EGF

LAG seven-pass G-type receptor 2 or EGF-Like Domain, Multiple 2 (SEQ ID NO:3; GenBank protein accession number NP_001784; GenBank cDNA accession number NM_001793). The invention further provides antibodies that specifically bind to the polypeptides encoded by the basal marker genes identified herein. The antibodies recognize basal cells of normal mammary lactation glands.

The invention provides various diagnostic methods based on the reagents mentioned above. The diagnostic methods include methods for classifying a tumor. In particular, the invention allows classification of a breast tumor as belonging to a basal class of breast tumors. According to certain of the inventive methods the presence or amount of a gene product, e.g., a polypeptide or a nucleic acid, encoded by a basal marker gene is detected in a sample derived from a subject (e.g., a sample of tissue or cells obtained from a tumor or a blood sample obtained from a subject). In general the subject is a human, however the subject may also be an animal of any other kind. The subject may be an individual who has or may have a tumor. The sample may be subjected to various processing steps prior to or in the course of detection. In certain embodiments of the invention the gene product is a polypeptide that is detected using an antibody capable of binding to the polypeptide. In certain embodiments of the invention the antibody is used to perform immunohistochemical staining on a sample obtained from a subject. In certain embodiments of the invention basal marker gene mRNA expression is measured using a microarray. In other embodiments of the invention basal marker gene mRNA expression is measured by quantitative PCR using a set of primers designed to amplify a portion of the gene. Additional detection means that may be employed in the present invention are described in U.S. Patent No: 6,057,105. In any of the methods for tumor classification and diagnosis, it may be advantageous to detect and/or measure expression of a set of basal markers rather than expression of a single marker.

By providing reagents that may reliably be used to classify tumors as belonging to a basal subclass, the invention enables a variety of methods for improving therapeutic options for patients with breast cancer. Much effort has and continues to be expended on the discovery of new chemotherapeutic agents. These agents are tested for efficacy in clinical trials. In many such trials it is noticed that a small number of patients stabilize or improve while receiving the treatment, while

most patients do not appear to benefit. Most such agents are not further developed for a number of reasons. For example, the clinical trial results may not be adequate to gain approval by the Food and Drug Administration. In addition, a pharmaceutical company may determine that the potential market for the drug is too small to justify further efforts. However, if it were possible to identify those patients likely to respond to the treatment, then it would be possible to design clinical trials that would show efficacy, and it would be possible to appropriately select patients who would benefit from the treatment. In addition, the availability of markers that can be used to classify breast tumors enables the retrospective examination of the thousands of breast tumor samples archived in hospitals and pathology labs. These samples can be classified using the inventive reagents and classification scheme, and the results can be correlated with the clinical outcome, based on medical records. Thus it is possible to determine whether tumors that fall into a particular tumor class, e.g., a basal tumor class, are responsive to a particular treatment. This will enable the re-evaluation of drugs that failed in clinical trials and may identify a subset of tumors that are likely to respond to a particular drug, and thus a subset of patients that are likely to benefit from treatment with that drug.

The inventors have recognized that in order to achieve these goals it is necessary to develop new and improved methods for classifying breast tumors. The inventive methods provide a molecular basis for classifying tumors, based on their underlying biology. While not wishing to be bound by any theory, the inventors postulate that tumors arising from a particular cell type within the breast are likely to display common features. Such features may include the prognosis (e.g., predicted survival time or likelihood that a patient's life expectancy exceeds a given length of time) or likelihood that a tumor will respond to a particular therapy.

In particular, tumors that display characteristics of basal cells of the normal breast lactation duct (also referred to herein as breast basal cells) form a distinct subclass (referred to herein as the basal subclass). Inventors have confirmed that patients with breast tumors whose cells display characteristics of breast basal cells, e.g., expression of cytokeratin 5 and/or cytokeratin 17, have a poor clinical outcome relative to patients with breast tumors that do not express these markers. However, antibodies to these cytokeratins have been found (by the inventors and by other

investigators) to give spotty, focal staining patterns when used to perform immunohistochemistry on breast tumor samples. Thus the utility of cytokeratins 5 and 17 as markers and the utility of antibodies that bind to cytokeratin 5 or 17 for determining whether a tumor is a member of the basal subclass has been limited. The inventors have therefore identified genes whose mRNA expression profiles across a large set of tumor samples correlate with, i.e. are similar to, the expression profiles of the known basal cell markers cytokeratins 5 and 17. These genes include the basal markers of the present invention mentioned above. As described in Examples 10 and 13, the inventors have generated antibodies to the proteins expressed by these genes and shown that the antibodies stain basal cells of normal mammary lactation glands. Thus detection of one or more expression products of these genes may be used to identify tumors that fall within the basal tumor subclass.

The invention further provides therapeutic agents based on the identification of breast basal cell markers. The therapeutic agents include compounds that modulate these genes or that modulate polypeptides encoded by these genes. In particular, the therapeutic agents include antibodies that bind to polypeptides encoded by the basal cell marker genes. The invention further includes agonists and antagonists to the basal marker genes, to the polynucleotides transcribed from those genes, and to their encoded polypeptides. The invention also provides methods for identifying such agonists and antagonists. The invention further includes pharmaceutical compositions comprising such antibodies, agonists, and antagonists as well as methods of use of the pharmaceutical compositions in the treatment of cancer, particularly breast cancer.

According to one aspect, the invention provides a method of classifying a tumor comprising the steps of (i) providing a tumor sample, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the sample; and (iii) classifying the tumor as belonging to a tumor subclass based on the results of the detecting step. The invention also provides a method of classifying a tumor comprising the steps of (i) providing a tumor sample, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the sample, and (iii) classifying the tumor as belonging to a tumor subclass based on the results of the detecting step. In addition, the invention provides a method of classifying a tumor comprising the steps of (i) providing a tumor sample, (ii) detecting expression or

activity of a gene encoding the polypeptide of SEQ ID NO:3 in the sample, and (iii) classifying the tumor as belonging to a tumor subclass based on the results of the detecting step. The invention further includes a method of classifying a tumor comprising the steps of (i) providing a tumor sample, (ii) detecting expression or activity of at least two genes selected from the group consisting of: a gene encoding the polypeptide of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the sample, and (iii) classifying the tumor as belonging to a tumor subclass based on the results of the detecting step. In any of the foregoing methods the detecting step may comprise detecting the polypeptide or polypeptides encoded by the genes. A variety of detection techniques may be employed including, but not limited to, immunohistochemical analysis, ELISA assay, antibody arrays, or detecting modification of a substrate by the polypeptide.

In certain embodiments of the methods the tumor is a breast tumor and the tumor subclass is a basal tumor subclass. The methods may further comprise providing diagnostic, prognostic, or predictive information based on the classifying step. Classifying may include stratifying the tumor (and thus stratifying a subject having the tumor), e.g., for a clinical trial. The methods may further comprise selecting a treatment based on the classifying step.

In another aspect, the invention provides a method of testing a subject comprising the steps of (i) providing a sample isolated from a subject, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the sample, and (iii) providing diagnostic, prognostic, or predictive information based on the detecting step. The invention further provides a method of testing a subject comprising the steps of (i) providing a sample isolated from a subject, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the sample (iii) and providing diagnostic, prognostic, or predictive information based on the detecting step. The invention further provides a method of testing a subject comprising the steps of (i) providing a sample isolated from a subject, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the sample (iii) and providing diagnostic, prognostic, or predictive information based on the detecting step. The invention further includes a method of testing a subject comprising the steps of (i) providing a sample isolated from the subject, (ii) detecting

expression or activity of at least two genes selected from the group consisting of: a gene encoding the polypeptide of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the sample, and (iii) providing diagnostic, prognostic, or predictive information based on the detecting step. In any of these methods the detecting step may comprise detecting the polypeptide or polypeptides. Detection may be performed using any appropriate technique including, but not limited to, immunohistochemistry, ELISA assay, protein array, or detecting modification of a substrate by the polypeptide.

The sample may comprise mRNA, in which case the detecting step may comprise hybridizing the mRNA or cDNA or RNA synthesized from the mRNA to a microarray or detecting mRNA transcribed from the gene or detecting cDNA or RNA synthesized from mRNA transcribed from the gene. In any of the above methods, the sample may be a blood sample, a urine sample, a serum sample, an ascites sample, a saliva sample, a cell, and a portion of tissue.

In another aspect, the invention provides a kit for diagnosis of a tumor which may include (i) primers for amplifying an mRNA transcribed from a gene that encodes the polypeptide of any of SEQ ID NO:1, SEQ ID NO:2; and SEQ ID NO:3 (ii) instructions for use of the kit; and/or (iii) control samples for testing the primers, wherein the control samples comprise nucleic acids that hybridize to the primers.

In another aspect, the invention provides an antibody that specifically binds to an epitope found in a polypeptide whose amino acid sequence comprises the amino acid sequence of SEQ ID NO:1, and wherein the antibody recognizes basal cells in normal mammary lactation glands. According to certain embodiments of the invention the antibody distinguishes basal cells from luminal cells in normal mammary lactation gland. According to certain embodiments of the invention the antibody recognizes an epitope found in a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO:4, SEQ ID NO:5, and SEQ ID NO:6.

In another aspect, the invention provides an antibody that specifically binds to an epitope found in a polypeptide whose amino acid sequence comprises the amino acid sequence of SEQ ID NO:2, and wherein the antibody recognizes basal cells in normal mammary lactation glands. According to certain embodiments of the invention the antibody distinguishes basal cells from luminal cells in normal

mammary lactation gland. According to certain embodiments of the invention the antibody recognizes an epitope found in a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO:7, SEQ ID NO:8, and SEQ ID NO:9.

In another aspect, the invention provides an antibody that specifically binds to an epitope found in a polypeptide whose amino acid sequence the amino acid sequence of SEQ ID NO:3, and wherein the antibody recognizes basal cells in normal mammary lactation glands. According to certain embodiments of the invention the antibody distinguishes basal cells from luminal cells in normal mammary lactation gland. According to certain embodiments of the invention the antibody recognizes an epitope found in a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO:10, SEQ ID NO:11, and SEQ ID NO:12.

The invention further provides a kit for tumor diagnosis comprising one or more of the foregoing antibodies. The kit may further include instructions for use of the kit and/or a control slide comprising breast tissue samples for testing reagents in the kit or such samples themselves.

According to another aspect, the invention provides a method of testing a compound or a combination of compounds for activity against tumors comprising steps of (i) obtaining or providing tumor samples taken from subjects who have been treated with the compound or combination of compounds, wherein the tumors fall within a tumor subclass, (ii) comparing the response rate of tumors that fall within the tumor subclass and have been treated with the compound with the overall response rate of tumors that have been treated with the compound or combination of compounds or with the response rate of tumors that do not fall within the subclass and have been treated with the compound or combination of compounds and (iii) identifying the compound or combination of compounds as having selective activity against tumors in the tumor subclass if the response rate of tumors in the subclass is greater than the overall response rate or the response rate of tumors that do not fall within the subclass. In certain embodiments of the invention the tumors are breast tumors. In certain embodiments of the invention the tumor subclass is a basal tumor subclass. The tumors may be classified according to any of the inventive classification methods described above. In certain embodiments of the invention the

classification is based on expression of the polypeptide of SEQ ID NO:1, 2, 3, or a combination of these.

The invention further provides a method of testing a compound or a combination of compounds for activity against tumors comprising steps of (i) treating subjects in need of treatment for tumors with the compound or combination of compounds, (ii) comparing the response rate of tumors that fall within a tumor subclass with the overall response rate of tumors or with the response rate of tumors that do not fall within the subclass, and (iii) identifying the compound or combination of compounds as having selective activity against tumors in the tumor subclass if the response rate of tumors in the subclass is greater than the overall response rate or the response rate of tumors that do not fall within the subclass. The method may further comprise various additional steps. For example, the method may comprise steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) determining whether the tumors fall within a tumor subclass, and (iii) stratifying the subjects based on the results of the determining step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the samples, and (iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the samples, and (iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the samples, and (iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding a polypeptide whose sequence comprises a sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the samples, and

(iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step.

In addition, the invention includes a method of testing a compound or a combination of compounds for activity against tumors comprising steps of (i) treating subjects in need of treatment for tumors with the compound or combination of compounds or with an alternate compound, wherein the tumors fall within a tumor subclass, (ii) comparing the response rate of tumors treated with the compound or combination of compounds with the response rate of tumors treated with the alternate compound; and (iii) identifying the compound or combination of compounds as having superior activity against tumors in the tumor subclass, as compared with the alternate compound, if the response rate of tumors treated with the compound or combination of compounds is greater than the response rate of tumors treated with the alternate compound. The method may further comprise various additional steps. For example, the method may comprise steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) determining whether the tumors fall within a tumor subclass, and (iii) stratifying the subjects based on the results of the determining step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the samples, and (iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the samples, and (iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the samples, and (iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step. The method may further comprise the steps of (i) providing tumor samples from subjects in need of treatment for tumors, (ii) detecting expression or activity of a gene encoding a polypeptide whose sequence comprises a sequence selected from the group consisting of SEQ ID

NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the samples, and (iii) stratifying the subjects based on the results of the detecting step prior to performing the treating step.

In certain embodiments of the invention the alternate compound is a compound approved by the U.S. Food and Drug administration for treatment of tumors. The invention also provides a method of treating a subject comprising steps of (i) identifying a subject as having a tumor in a basal tumor subclass, and (ii) administering to the subject a compound identified according to any of the inventive methods for identifying a subject.

#In another aspect, the invention provides a method of treating a subject comprising steps of (i) providing a subject in need of treatment for cancer, (ii) administering to the subject an antibody that specifically binds to a polypeptide having an amino acid sequence comprising the sequence of SEQ ID NO:1, SEQ ID NO:2, or SEQ ID NO:3 or administering a combination of such antibodies. In certain embodiments of the invention the tumor is a breast tumor. In certain embodiments of the invention the antibody is conjugated with a toxic molecule.

The invention further provides a method of treating a subject comprising steps of (i) providing a subject in need of treatment for cancer, (ii) administering to the subject a compound that activates or inhibits a gene that encodes an amino acid having a sequence comprising the sequence of SEQ ID NO:1, SEQ ID NO:2, or SEQ ID NO:3, or that activates or inhibits an expression product of the gene.

In another aspect, the invention provides a composition comprising two or more compounds identified according to any of the methods described above for identifying compounds. The invention also provides a pharmaceutical composition comprising such a composition and a pharmaceutically acceptable carrier. The invention also provides a composition comprising (i) a compound identified according to any of the methods described above for identifying compounds and (ii) a second compound, wherein the second compound is approved by the U.S. Food and Drug administration for the treatment of cancer or has shown potential efficacy against cancer in pre-clinical studies. The invention also provides a pharmaceutical composition comprising such a composition and a pharmaceutically acceptable carrier.

The present application refers to various patents, publications, books, articles, and other references. The contents of all of these items are hereby incorporated by reference in their entirety. The present application also incorporates by reference six U.S. patent applications filed by inventors on July 26, 2001. These applications are entitled "REAGENTS AND METHODS FOR USE IN MANAGING BREAST CANCER", "BSTP-RAS/RERG PROTEIN AND RELATED REAGENTS AND METHODS OF USE THEREOF", "BSTP-ECG1 PROTEIN AND RELATED REAGENTS AND METHODS OF USE THEREOF", "BSTP-CAD PROTEIN AND RELATED REAGENTS AND METHODS OF USE THEREOF", "BSTP-TRANS PROTEIN AND RELATED REAGENTS AND METHODS OF USE THEREOF", "BSTP-5 PROTEINS AND RELATED REAGENTS AND METHODS OF USE THEREOF".

BRIEF DESCRIPTION OF THE DRAWING

Figure 1A presents the amino acid sequence of the polypeptide encoded by the basal marker gene known as cadherin 3 or P-cadherin (SEQ ID NO:1).

Figure 1B presents the amino acid sequence of the polypeptide encoded by the basal marker gene known as matrix metalloproteinase 14 (SEQ ID NO:2).

Figure 1C presents the amino acid sequence of the polypeptide encoded by the basal marker gene known as cadherin EGF LAG seven-pass G-type receptor 2 or EGF-Like Domain, Multiple 2 (SEQ ID NO:3).

Figure 1D presents the amino acid sequences of peptides used to raise antibodies that recognize the cadherin 3, matrix metalloproteinase 14, cadherin EGF LAG seven-pass G-type receptor 2, and cytokeratin 17 proteins.

Figure 2 shows a comparison of dendrograms representing the results of hierarchical clustering of experimental samples using the intrinsic gene set and the epithelial-enriched gene set.

Figure 3 shows breast tissue immunohistochemistry results obtained using various antibodies.

Figure 3A shows tumor Stanford 2-P stained for immunoglobulin light chain.

Figure 3B shows tumor Stanford 16 stained for the T-lymphocyte cell surface antigen CD3.

Figure 3C shows normal mammary duct stained for the basal epithelial cell keratins 5/6.

Figure 3D shows normal mammary duct stained for the luminal cell keratins 8/18.

Figure 3E shows tumor New York 3 stained for keratin 5/6.

Figure 3F shows tumor Stanford 16 stained for keratins 8/18.

Figure 4A shows a Western blot demonstrating expression of the cadherin3 polypeptide in various cell lines.

Figure 4B shows a Western blot demonstrating expression of the matrix metalloproteinase 14 polypeptide in various cell lines.

Figure 4C shows a Western blot demonstrating expression of the cadherin EGF LAG seven-pass G-type receptor 2 polypeptide in various cell lines.

Figure 5A shows a Kaplan-Meier survival curve demonstrating poor outcome in cytokeratin 17 and/or cytokeratin 5/6 positive tumors ($p = 0.012$).

Figure 5B shows a Kaplan-Meier survival curve demonstrating poor outcome in cytokeratin 17 and/or cytokeratin 5/6 positive tumors in lymph node negative patients ($p = 0.006$).

Figure 6 shows antibody staining of normal breast tissue cores in a breast tissue array.

Figure 6A shows staining with anti-cytokeratin 5/6 monoclonal antibody.

Figure 6B shows staining with anti-cadherin 3 polyclonal antibody.

Figure 6C shows staining with anti-EGF LAG seven-pass G-type receptor 2 polyclonal antibody.

Figure 6D shows staining with anti-metallproteinase 14 polyclonal antibody.

Figure 7 shows antibody staining of breast cancer tissue cores in a breast cancer tissue array.

Figure 7A shows antibody staining with anti-cytokeratin 5/6 monoclonal antibody.

Figure 7B shows antibody staining with anti-EGF LAG seven-pass G-type receptor 2 polyclonal antibody.

Figure 7C shows antibody staining with anti-cadherin 3 polyclonal antibody.

BRIEF DESCRIPTION OF THE TABLES

The tables contain the numerical data corresponding to microarray images. Some

tables list the individual genes in the various gene subsets or provide additional information.

Table 1 is a master data table for the 65 microarray experiments performed on individual tumor samples, in which rows represent I.M.A.G.E. clones that identify approximately 1753 genes whose expression varied by at least a factor of 4 and columns represent individual microarray experiments. The first 50 pages of the table consist of a reference list in which a descriptive name for each clone (where such a name exists) appears in the column entitled Name, followed by the Genbank accession number for the clone. Each row in the reference list contains a number in the first column that numerically identifies the column. In the subsequent data portion of the table (pages 1 – 392), each row is similarly identified by a number in the first column so that the name and Genbank accession number for the clone for which data appears in that row may be determined by consulting the reference list. In the data portion of the table, the column headings in the first row identify the tumor samples. Each data cell in the table represents the measured Cy5/Cy3 fluorescence ratio at the corresponding target element on the appropriate array. Empty cells indicate insufficient or missing data. All ratio values are log transformed (base 2) to treat inductions or repressions of identical magnitude as numerically equal but with opposite sign.

Table 2 is a master data table for the 19 microarray experiments performed on cell line samples, in which rows represent I.M.A.G.E. clones that identify approximately 1753 genes whose expression varied by at least a factor of 4 and columns represent individual microarray experiments. This table contains only a data portion, in which the column headings in the first row identify the cell lines. Each row in the table is identified by a number which appears in the first column. The same reference list that forms part of Table 1 may be consulted to determine the name and Genbank accession number for the clone for which data appears in that row. Each data cell in the table represents the measured Cy5/Cy3 fluorescence ratio at the corresponding target element on the appropriate array. Empty cells indicate insufficient or missing data. All ratio values are log transformed (base 2) to treat inductions or repressions of

identical magnitude as numerically equal but with opposite sign.

Table 3 presents a listing and description of the 11 cell lines used to create the common reference sample.

Table 4 presents a complete listing of the 84 experimental samples that were assayed versus the common reference sample. The table includes a list of alternate names (in the column entitled Sample ID/old name) for the same tumors. The alternate names are used to identify the tumor samples in certain contexts, and the table allows conversion between the two sets of names.

Table 5 lists the tumors used in the experiments described herein, along with clinical and pathological information about each tumor/patient.

Table 6 is a master data table for the 84 microarray experiments performed on individual tumor, tissue, and cell line samples, in which rows represent I.M.A.G.E. clones that identify the 496 genes in the intrinsic gene set, and columns represent individual microarray experiments. The first 15 pages of the table consist of a reference list in which a descriptive name for each clone (where such a name exists) appears in the column entitled Name, followed by the Genbank accession number for the clone. Each row in the reference list contains a number in the first column that numerically identifies the column. In the subsequent data portion of the table (pages 1 – 91), each row is similarly identified by a number in the first column so that the name and Genbank accession number for the clone for which data appears in that row may be determined by consulting the reference list. In the data portion of the table, the column headings in the first row identify the tumor samples. Each data cell in the table represents the measured Cy5/Cy3 fluorescence ratio at the corresponding target element on the appropriate array. Empty cells indicate insufficient or missing data. All ratio values are log transformed (base 2) to treat inductions or repressions of identical magnitude as numerically equal but with opposite sign.

Table 7 is a listing of the 374 clones that identify genes selected for the epithelial

enriched gene set including Genbank accession numbers.

Table 8 is a listing of the clones that identify genes that comprise the luminal subset including Genbank accession numbers.

Tables 9-1 and 9-2 are listings of the two groups of clones that identify genes that comprise the basal subset including Genbank accession numbers.

Table 10 is a listing of the clones that identify genes that comprise the *ErbB2* subset including Genbank accession numbers.

Table 11 is a listing of the clones that identify genes that comprise the endothelial gene subset including Genbank accession numbers.

Table 12 is a listing of the clones that identify genes that comprise the stromal/fibroblast gene subset including Genbank accession numbers.

Table 13 is a listing of the clones that identify genes that comprise the B-cell gene subset including Genbank accession numbers.

Table 14 is a listing of the clones that identify genes that comprise the adipose-enriched/normal breast gene subset including Genbank accession numbers.

Table 15 is a listing of the clones that identify genes that comprise the macrophage gene subset including Genbank accession numbers.

Table 16 is a listing of the clones that identify genes that comprise the T-cell gene subset including Genbank accession numbers.

In Table 1, the Genbank accession number for each clone appears in the column entitled "Name", following a brief descriptive name for the gene identified by the clone, where available. In some cases the descriptive name is a number corresponding

to an I.M.A.G.E. clone ID number. As is well known and accepted in the art, the Genbank accession number represents a means of definitively identifying a particular clone, since Genbank accession numbers will be maintained permanently or, if changed, the change will be accomplished in such a manner as to allow unambiguous correlation between any new numbering system and the numbering system currently in use.

Note that Tables 1, 2, and 6 are provided for purposes of presenting the clone identifications and the data that was used to perform hierarchical clustering analysis, and that the format of the tables may not correspond exactly with the format required by software developed for the analysis of the data. Appropriate format will, in general, depend upon the particular computer program. See, for example, the Web site http://genome-www.stanford.edu/~sherlock/tutorial.html for discussion of the appropriate format for one particular analysis program.

In Tables 7 – 16, each entry identifies a clone. The first portion of each entry is a brief descriptive name for the gene identified by the clone. The Genbank accession number for the clone appears on the last line of the entry for that clone.

DETAILED DESCRIPTION OF CERTAIN EMBODIMENTS

DEFINITIONS

To facilitate understanding of the invention, the following definitions are provided. It is to be understood that, in general, terms not otherwise defined are to be given their meaning or meanings as generally accepted in the art.

Agonist: As used herein, the term "agonist" refers to a molecule that increases or prolongs the duration of the effect of a polypeptide or a nucleic acid. Agonists may include proteins, nucleic acids, carbohydrates, lipids, small molecules, ions, or any other molecules that modulate the effect of the polypeptide or nucleic acid. An agonist may be a direct agonist, in which case it is a molecule that exerts its effect by binding to the polypeptide or nucleic acid, or an indirect agonist, in which case it exerts its effect via a mechanism other than binding to the polypeptide or nucleic acid

(e.g., by altering expression or stability of the polypeptide or nucleic acid, by altering the expression or activity of a target of the polypeptide or nucleic acid, by interacting with an intermediate in a pathway involving the polypeptide or nucleic acid, etc.)

Antagonist: As used herein, the term "antagonist" refers to a molecule that decreases or reduces the duration of the effect of a polypeptide or a nucleic acid. Antagonists may include proteins, nucleic acids, carbohydrates, or any other molecules that modulate the effect of the polypeptide or nucleic acid. An antagonist may be a direct antagonist, in which case it is a molecule that exerts its effect by binding to the polypeptide or nucleic acid, or an indirect antagonist, in which case it exerts its effect via a mechanism other than binding to the polypeptide or nucleic acid (e.g., by altering expression or stability of the polypeptide or nucleic acid, by altering the expression or activity of a target of the polypeptide or nucleic acid, by interacting with an intermediate in a pathway involving the polypeptide or nucleic acid, etc.)

Basal cell: The term "basal cell" is a general term applied to any stratified or pseudostratified epithelium. It refers to cells which are juxtaposed to the basement membrane and under one or more additional epithelial layers. Mammary tissue can have both a two cell layer epithelium (basal and luminal cells) or in the duct system, a single layered epithelium. In the two cell layer, the cells adjacent to the basement membrane are termed "basal cells" and express basal cell markers (e.g., cytokeratin 17 and cytokeratin 5/6). In pseudostratified epitheum "non-basal" cells can also contact the basement membrane but since normal breast epithelium is not, in general, pseudostratified, breast basal cells are cells located adjacent to basement membrane and under one or more additional layers of epithelial cells. As used herein, the term "basal cell" is distinct from "myoepithelial cell" in that myoepithelial cell refers to cells that have the contractual apparatus for milk excretion by the ducts (i.e., they express contractile proteins).

Breast basal cell marker: A gene whose expression is characteristic of basal cells of normal breast lactation ducts, or an expression product of such a gene (e.g., an mRNA

or polypeptide). The marker may be used to distinguish basal cells from other cells in the breast, e.g., luminal cells. In the case of a marker that is a polypeptide, antibodies to the polypeptide stain cells in the basal layer of normal breast lactation ducts when used to perform immunohistochemistry on breast tissue samples. Since the present invention is concerned primarily with breast cancer, the term "basal cell marker" is used interchangeably with "breast basal cell marker" herein unless otherwise indicated. Examples of basal cell markers include the cytokeratin 5 and cytokeratin 17 genes, mRNAs, and proteins, in addition to the newly identified basal cell markers described herein.

Breast basal tumor marker: A gene whose expression is characteristic of basal cells in the normal breast lactation duct and which is also expressed in a subset of breast tumors, or an expression product of such a gene. These genes include cytokeratin 5 and cytokeratin 17, which are known from the prior art to distinguish breast basal cells from other breast tissue cells, and the genes identified herein. Antibodies to the proteins encoded by these genes identify basal breast cells when used to perform immunohistochemical staining of normal breast tissue, i.e., they stain cells in the basal epithelial layer. The term "basal tumor marker" is used interchangeably with "breast basal tumor marker" herein unless otherwise indicated.

Breast basal tumor subclass: The breast basal tumor subclass, as used herein, refers to breast tumors that display characteristics of basal cells of normal breast lactation ducts. Such characteristics include expression of genes whose expression has been shown to discriminate between normal basal cells of breast lactation ducts and other cells in the breast, including luminal cells of breast lactation ducts. These genes include cytokeratin 5 and cytokeratin 17, which are known from the prior art to distinguish breast basal cells from other breast tissue cells, and the genes identified herein. Antibodies to the proteins encoded by these genes identify basal breast cells when used to perform immunohistochemical staining of normal breast tissue, i.e., they stain cells in the basal epithelial layer. The term "breast basal tumor subclass" is used interchangeably with "basal tumor subclass" herein unless otherwise indicated.

Diagnostic information: As used herein, diagnostic information or information for use in diagnosis is any information that is useful in determining whether a patient has a disease or condition and/or in classifying the disease or condition into a phenotypic category or any category having significance with regards to the prognosis of or likely response to treatment (either treatment in general or any particular treatment) of the disease or condition. Similarly, diagnosis refers to providing any type of diagnostic information, including, but not limited to, whether a subject is likely to have a condition (such as a tumor), information related to the nature or classification of a tumor, information related to prognosis and/or information useful in selecting an appropriate treatment. Selection of treatment may include the choice of a particular chemotherapeutic agent or other treatment modality such as surgery, radiation, etc., a choice about whether to withhold or deliver therapy, etc.

Differential expression: A gene exhibits differential expression at the RNA level if its RNA transcript varies in abundance between different samples in a sample set. A gene exhibits differential expression at the protein level, if a polypeptide encoded by the gene varies in abundance between different samples in a sample set. In the context of a microarray experiment, differential expression generally refers to differential expression at the RNA level.

Gene: For the purposes of the present invention, the term "gene" has its meaning as understood in the art. However, it will be appreciated by those of ordinary skill in the art that the term "gene" has a variety of meanings in the art, some of which include gene regulatory sequences (e.g., promoters, enhancers, etc.) and/or intron sequences, and others of which are limited to coding sequences. It will further be appreciated that definitions of "gene" include references to nucleic acids that do not encode proteins but rather encode functional RNA molecules such as tRNAs. For the purpose of clarity we note that, as used in the present application, the term "gene" generally refers to a portion of a nucleic acid that encodes a protein; the term may optionally encompass regulatory sequences. This definition is not intended to exclude application of the term "gene" to non-protein coding expression units but rather to

clarify that, in most cases, the term as used in this document refers to a protein coding nucleic acid.

Gene product or expression product: A gene product or expression product is, in general, an RNA transcribed from the gene or a polypeptide encoded by an RNA transcribed from the gene.

Marker: A marker, as used herein, refers to a gene whose expression is characteristic of a particular cell type. The term may also refer to a product of gene expression, e.g., an RNA transcribed from the gene or a translation product of such an RNA, the production of which is characteristic of a particular cell type. The cell type may be defined based on any phenotypic criterion. For example, a normal breast basal cell is defined based on its position within an epithelial layer. In some cases expression of a marker gene may be the sole criterion used to define the cell type. The statistical significance of the presence or absence of a marker gene expression product may vary depending upon the particular marker. In some cases the detection of a marker is highly specific in that it reflects a high probability that the cell is of a particular type. This specificity may come at the cost of sensitivity, i.e., a negative result may occur even if the cell is a cell that would be expected to express the marker. Conversely, markers with a high degree of sensitivity may be less specific than those with lower sensitivity. Thus it will be appreciated that a useful marker need not distinguish cells of a particular type with 100% accuracy. Furthemore, it will be appreciated that the use of multiple markers may improve the specificity and/or sensitivity with which a cell can be identified as being of a particular cell type. The concept of a marker may be applied not only to individual cells, but also to tumors or to other disease states. In the case of tumors, a marker for a particular tumor class is a gene whose expression is characteristic of a particular tumor type, i.e., a gene whose expression is characteristic of some or all of the cells in the tumor. The term may also refer to a product of gene expression, e.g., an RNA transcribed from the gene or a translation product of such an RNA, the production of which is characteristic of a particular tumor type, i.e., of some or all of the cells in the tumor.

Prognostic information and predictive information: As used herein the terms prognostic information and predictive information are used interchangeably to refer to any information that may be used to foretell any aspect of the course of a disease or condition either in the absence or presence of treatment. Such information may include, but is not limited to, the average life expectancy of a patient, the likelihood that a patient will survive for a given amount of time (e.g., 6 months, 1 year, 5 years, etc.), the likelihood that a patient will be cured of a disease, the likelihood that a patient's disease will respond to a particular therapy (wherein response may be defined in any of a variety of ways). Prognostic and predictive information are included within the broad category of diagnostic information.

Response: As used herein a response to treatment may refer to any beneficial alteration in a subject's condition that occurs as a result of treatment. Such alteration may include stabilization of the condition (e.g., prevention of deterioration that would have taken place in the absence of the treatment), amelioration of symptoms of the condition, improvement in the prospects for cure of the condition, etc. One may refer to a subject's response or to a tumor's response. In general these concepts are used interchangeably herein. Tumor or subject response may be measured according to a wide variety of criteria, including clinical criteria and objective criteria. Techniques for assessing response include, but are not limited to, clinical examination, chest X-ray, CT scan, MRI, ultrasound, endoscopy, laparoscopy, presence or level of tumor markers in a sample obtained from a subject, cytology, histology. Many of these techniques attempt to determine the size of a tumor or otherwise determine the total tumor burden. Methods and guidelines for assessing response to treatment are discussed in Therasse P., *et al.*, "New guidelines to evaluate the response to treatment in solid tumors", European Organization for Research and Treatment of Cancer, National Cancer Institute of the United States, National Cancer Institute of Canada. J Natl Cancer Inst, Feb 2;92(3):205-16, 2000. The exact response criterion can be selected in any appropriate manner, provided that when comparing groups of tumors and/or patients, the groups to be compared are assessed based on the same or comparable criteria for determining response rate. One of ordinary skill in the art will be able to select appropriate criteria.

Sample: As used herein, a sample obtained from a subject may include, but is not limited to, any or all of the following: a cell or cells, a portion of tissue, blood, serum, ascites, urine, saliva, and other body fluids, secretions, or excretions. The term "sample" also includes any material derived by processing such a sample. Derived samples may include nucleic acids or proteins extracted from the sample or obtained by subjecting the sample to techniques such as amplification or reverse transcription of mRNA, etc.

Specific binding: As used herein, the term refers to an interaction between a target polypeptide (or, more generally, a target molecule) and a binding molecule such as an antibody, agonist, or antagonist. The interaction is typically dependent upon the presence of a particular structural feature of the target polypeptide such as an antigenic determinant or epitope recognized by the binding molecule. For example, if an antibody is specific for epitope A, the presence of a polypeptide containing epitope A or the presence of free unlabeled A in a reaction containing both free labeled A and the antibody thereto, will reduce the amount of labeled A that binds to the antibody. It is to be understood that specificity need not be absolute. For example, it is well known in the art that numerous antibodies cross-react with other epitopes in addition to those present in the target molecule. Such cross-reactivity may be acceptable depending upon the application for which the antibody is to be used. One of ordinary skill in the art will be able to select antibodies having a sufficient degree of specificity to perform appropriately in any given application (e.g., for detection of a target molecule, for therapeutic purposes, etc). It is also to be understood that specificity may be evaluated in the context of additional factors such as the affinity of the binding molecule for the target polypeptide versus the affinity of the binding molecule for other targets, e.g., competitors. If a binding molecule exhibits a high affinity for a target molecule that it is desired to detect and low affinity for nontarget molecules, the antibody will likely be an acceptable reagent for immunodiagnostic purposes. Once the specificity of a binding molecule is established in one or more contexts, it may be employed in other, preferably similar, contexts without necessarily re-evaluating its specificity.

Treating a tumor: As used herein, treating a tumor is taken to mean treating a subject who has the tumor.

Tumor sample: The term "tumor sample" as used herein is taken broadly to include cell or tissue samples removed from a tumor, cells (or their progeny) derived from a tumor that may be located elsewhere in the body (e.g., cells in the bloodstream or at a site of metastasis), or any material derived by processing such a sample. Derived tumor samples may include nucleic acids or proteins extracted from the sample or obtained by subjecting the sample to techniques such as amplification or reverse transcription of mRNA, etc.

Tumor subclass: A tumor subclass, also referred to herein as a tumor subset or tumor class, is the group of tumors that display one or more phenotypic or genotypic characteristics that distinguish members of the group from other tumors.

I. Overview and Description of the Basal Marker Genes, Polynucleotides, and Polypeptides

The present invention provides new reagents and methods for the management (e.g., detection, classification, provision of diagnostic and prognostic information, treatment, etc.) of breast cancer. Significant progress has been made in understanding risk factors, including genetic factors, that may contribute to breast cancer (See, for example, Vogelstein, B. and Kinzler, eds., "Breast Cancer", by Couch, F. and Weber, B. in *The Genetic Basis of Human Cancer*, McGraw Hill, 1998), but the relevance of these factors to clinical outcome remains unclear. The most powerful prognosticators are clinical features such as lymph node status, tumor size, and tumor grade. In addition, the expression level and antibody staining pattern of several proteins are predictive of outcome and of the likelihood of response to therapy. However, the clinical outcome of individual patients remains uncertain. In addition, the ability to predict which patients are likely to benefit from a particular type of therapy (e.g., a certain drug or class of drug) remains elusive.

The invention encompasses the realization that high throughput analysis techniques, e.g., those involving the use of cDNA microarrays, can be used to provide new insights into the biology of breast cancer. By analyzing the transcriptional profiles of a large number of breast tumor samples and by undertaking comparisons, e.g., between tumors associated with varying prognoses, between primary tumors and metastases, between tumors before and after treatment, and between tumors with differing responses to therapy, the present invention provides new tools and methods for classifying tumors and defines new classes of tumors based on these methods. The invention identifies genes and gene subsets that are useful in classifying breast tumors. In addition, the methods described herein identify genes that are likely to play a role in breast cancer development, progression, and/or response to therapy. Classification based on expression of particular genes may be used to predict clinical course or to predict sensitivity to chemotherapeutic agents. Ultimately such classification may be used to guide selection of appropriate therapy. As described herein, detection of mRNA and protein corresponding to differentially expressed genes provides new methods of use in cancer prognosis, diagnosis, and treatment selection. In addition, differentially expressed genes and their encoded proteins provide targets for the identification of new therapies for breast cancer.

As described in further detail below, the invention employs methods for clustering genes into groups by determining their expression patterns across a set of samples obtained from breast tumors and from normal breast tissue. The invention also clusters the breast tumor and normal breast tissue samples into groups based on similarities in their expression of a set of genes. This two-dimensional clustering approach permits the association of particular classes of tumors with particular subsets of genes that, for example, show relatively high levels of expression in the tumors. Correlation with clinical information indicates that the tumor classes have clinical significance in terms of prognosis or response to chemotherapy.

Genes that are relatively overexpressed in tumors may be particularly appropriate targets for the development of new therapeutic agents. Any gene (or combination of genes) that is overexpressed in some tumors forms a basis by which tumors can be divided into different groups. As demonstrated herein, when particular sets of genes are used such groups have clinical significance in that, for example, they

display differences in prognosis. However, regardless of whether the resulting division has significance in terms of known clinical parameters, therapeutic agents directed towards such genes or towards their encoded proteins would be expected to be specific for the tumors that overexpress the genes. Thus the invention offers an opportunity for the development and selection of therapeutic agents based on specific properties of a tumor. In other words, any gene that is overexpressed in a subset of tumors can be used to define that subclass and is a potential target for the development of a therapeutic agent that is specific for that tumor subclass.

In particular, tumors that display characteristics of basal cells of the normal breast lactation gland (also referred to herein as breast basal cells) form a distinct subclass (referred to herein as the basal subclass). It is known in the art that two distinct types of epithelial cells are found in the adult human mammary gland: basal cells and luminal epithelial cells. Expression of cytokeratin 5 and/or cytokeratin 17 is a characteristic of basal cells of the normal mammary lactation gland, while cytokeratins 8 and 18 are expressed in luminal cells. Cytokeratins are a family of intermediate filament proteins, members of which are found in most or all epithelial cell types (Moll, R., *et al.*, "The catalog of human cytokeratins: patterns of expression in normal epithelia, tumors, and cultured cells", *Cell*, 31(1), 11-24, 1982. Intermediate-sized filaments are morphologically similar but biochemically and immunologically distinguishable cytoplasmic proteins of which five major filament types have been identified (cytokeratin, vimentin, desmin, neurofilament protein, glia filament protein), and antibodies to these proteins have been used for distinguishing different cell types and tumors derived therefrom. Epithelial and carcinoma cells are characterized by the presence of cytokeratin filaments that can be identified by antibodies. These antibodies can be used to distinguish between different cell and tumor types (Dobus, E., *et al.*, "Immunohistochemical distinction of human carcinomas by cytokeratin typing with monoclonal antibodies", *Am J. Pathol.*, 114(1): 121-30, 1984). In particular, antibodies against cytokeratins 5/6, 17, 8, and 18 may be used to distinguish between breast basal and luminal cell types in normal breast and in tumors (See, e.g., Purkis, P., *et al.*, "Antibody markers of basal cells in complex epithelia", *J. Clin. Pathol.*, 48:26-32, 1990; Taylor,-Papadimitriou and Lane, E., "Keratin expression in the mammary gland" in Neville, M and Daniel C, eds. *The*

Mammary Gland: Development, Regulation, and Function. New York: Plenum, pp. 181-215, 1987; Dairkee, S., *et al.*, "Immunolocalization of a human basal epithelium-specific keratin in benign and malignant breast disease. *Breast Cancer Res. Treat.*, 10:11-20, 1987.)

Several previous studies suggested that expression of basal cell keratins is associated with a poor clinical outcome (Dairkee, S.H., *et al.*, "Monoclonal antibody that predicts early recurrence of breast cancer", *Lancet*, 1:514, 1987; Malzahn, K., *et al.*, "Biological and prognostic significance of stratified epithelial cytokeratins in infiltrating ductal breast carcinomas", *Virchows Archiv*, 433:119-29, 1998). Inventors have confirmed, in a large-scale study, that patients with breast tumors whose cells display characteristics of breast basal cells, e.g., expression of cytokeratin 5 and/or cytokeratin 17, have a poor clinical outcome relative to patients with breast tumors that do not express these markers. However, antibodies to these cytokeratins have been found (by the inventors and by other investigators) to give spotty, focal staining patterns when used to perform immunohistochemistry on breast tumor samples. Thus the utility of cytokeratins 5 and 17 as markers and the utility of antibodies that bind to cytokeratin 5 or 17 for determining whether a tumor is a member of the basal subclass has been limited.

The inventors have therefore identified genes whose mRNA expression profiles across a large set of tumor samples correlate with, i.e., are similar to, the expression profiles of the known basal cell markers cytokeratins 5 and 17. These genes include the basal marker genes of the present invention, i.e., genes that encode cadherin3 or P-cadherin (SEQ ID NO:1; GenBank protein accession number NP_001399; GenBank cDNA accession number NM_001408), matrix metalloproteinase 14 (SEQ ID NO:2; GenBank protein accession number NP_004986; GenBank cDNA accession number NM_004995); and cadherin EGF LAG seven-pass G-type receptor 2 or EGF-Like Domain, Multiple 2 (SEQ ID NO:3; GenBank protein accession number NP_001784; GenBank cDNA accession number NM_001793). A portion of the cadherin3 gene was present as I.M.A.G.E. clone 777301 on the cDNA microarray described below. This clone is entry #421 in Table 1. A portion of the matrix metalloproteinase 14 gene was present as I.M.A.G.E. clone 270505 on the cDNA microarray described below. This clone is entry #424 in Table 1. A portion of the cadherin EGF LAG

seven-pass G-type receptor 2 gene was present as I.M.A.G.E. clone 175103 on the cDNA microarray described below. This clone is entry #1443 in Table 1. Information about these genes may be found at NCBI's LocusLink (http://www.ncbi.nlm.nih.gov/LocusLink), among other sources. As described in Examples 10 and 13, the inventors have generated antibodies to the proteins expressed by these genes and shown that the antibodies stain basal cells of normal mammary lactation glands. Thus detection of one or more expression products of these genes may be used to identify tumors that fall within the basal tumor subclass.

As is well known in the art, breast carcinomas lose the typical histology and architecture of normal breast glands. Generally, carcinoma cells overgrow the normal cells and lose their ability to differentiate into glandular like structures. The degree of loss of differentiation in general is related to the aggressiveness of the tumor. For example, "in situ" carcinoma by definition retains the basement membrane intact, whereas as it progresses to "invasive", the tumor shows breakout of basement membranes. Thus one would not expect to see, within breast carcinomas, staining of a discrete layer of basal cells as seen in normal breast tissue. For a discussion of the physiology and histology of normal breast and breast carcinoma, see Ronnov-Jessen, L., Petersen, O. W. & Bissell, M. J. Cellular changes involved in conversion of normal to malignant breast: importance of the stromal reaction. Physiol Rev 76, 69-125 (1996).

The basal marker genes provided herein are expressed in the best model of basal cells (HMECs, Human Mammary Epithelial Cells) and based on antibody staining, in normal breast basal cells. Therefore describing them as basal markers is appropriate. However, in addition to their specific staining properties, a major characteristic that makes these genes and their expression products useful is their variation in expression across cohorts of breast carcinoma patients, which portends their utility in stratification of breast carcinoma patients. While not wanting to be limited by the implications of having chosen a particular descriptor (i.e. "basal") inventors refer to the set of genes, proteins, and antibody reactivity patterns as "basal" as it serves as a reminder of their utility in recognizing breast tumor cells that have characteristics

reminiscent of normal breast basal cells. Breast tumors containing such cells are likewise referred to as "basal" without intending any limitations thereby.

Two of the basal marker genes, cadherin3 and cadherin EGF LAG seven-pass G-type receptor 2 encode members of the cadherin superfamily. The cadherin EGF LAG seven-pass G-type receptor 2 or EGF-Like Domain, Multiple 2 protein is a member of the flamingo subfamily, part of the cadherin superfamily. The cadherins are a large family of proteins with critical roles in the regulation of cell-cell adhesion. Generally expressed in development- or tissue-specific manners, these factors have been shown to have important roles in development, cellular proliferation, and differentiation. The cadherin superfamily include classic cadherins, desmogleins, desmocollins, protocadherins, CNRs, Fats, and seven-pass transmembrane cadherins (for review see Nollet *et al.* 2000). Typically transmembrane proteins, the cadherins are characterized by the unique cadherin, or EC, domain. These cadherin domains, which are involved in Ca^{++} binding (Takeichi 1990), are repeated in the extracellular region of all of the family members. The amino acid sequences of other regions shows significant divergence among members, suggesting functional diversity amongst the various cadherin proteins. However, amid the members of each subfamily, the cytoplasmic domains are conserved. In the classic cadherins, which are components of adherens junctions and desmoplakin plaques, this region interacts with catenin $p120^{ctn}$, and plakoglobin or β-catenin. The latter binds to α-catenin, and this molecular complex further associates with α-actinin, F-actin and other cytoskeletal proteins. Consistent with their roles in regulating cell-cell adhesion events, altered expression of cadherin genes has been associated with human cancer. Alteration of cadherin function may lead to subsequent metastasis by disaggregation of tumor cells, and one proposed role of many cadherins studied to date is as tumor- and invasion-suppressors. Further discussion of some of the many members of the cadherin superfamily and their possible role in cancer is found in references 53-61.

The flamingo subfamily consists of nonclassic-type cadherins; a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. While not wishing

to be bound by any theory, it is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions. The cadherin EGF LAG seven-pass G-type receptor 2 gene (also known as CELSR2) has not been as extensively studied as the classic cadherins, but is implicated in cell signaling. The *Drosophila* homolog of this gene has been studied in more detail, and is clearly important in regulating different cellular events (Usui T, Shima Y, Shimada Y, Hirano S, Burgess RW, Schwarz TL, Takeichi M, Uemura T, "Flamingo, a seven-pass transmembrane cadherin, regulates planar cell polarity under the control of Frizzled", *Cell* 1999 Sep 98:585-95.

While not wishing to be bound by any theory, it is postulated that this protein is a receptor involved in contact-mediated communication, with the cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions.

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, matrix metalloproteinase 14 protein is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 protein, and this activity may be involved in tumor invasion.

Cadherin3 is predicted to be membrane-bound, with an extracellular portion. As indicated by the presence of seven putative transmembrane domains, cadherin EGF LAG seven-pass G-type receptor 2 is also likely to be a membrane bound protein. The presence of a predicted transmembrane domain indicates that matrix metalloproteinase 14 is also membrane bound. The likelihood that the proteins encoded by the basal marker genes are membrane bound makes them attractive candidate for the application of serological assays for diagnostic purposes. In addition,

the likelihood that cadherin3, cadherin EGF LAG seven-pass G-type receptor 2, and matrix metalloproteinase 14 are membrane bound makes them attractive candidates for antibody therapeutics.

The invention provides antibodies that specifically bind to the polypeptide expression products of the basal marker genes, i.e., the polypeptides of SEQ ID NO:1, 2, and 3. The antibodies stain basal cells of the normal mammary lactation gland. In certain embodiments of the invention the antibodies distinguish basal cells from luminal cells in normal mammary lactation glands.

The antibodies are potentially useful as therapeutic reagents for cancer, particularly breast cancer, either by themselves or when conjugated to or delivered with another molecule such as a toxic compound. The invention further provides pharmaceutical compositions comprising agonists or antagonists of the polynucleotides and their encoded polypeptides, and methods of use thereof for the treatment of cancer. The invention includes a variety of methods for providing information of use in the prognosis, classification, diagnosis, etc. of cancer, particularly breast cancer.

In order that the manner in which the basal cell marker genes of the present invention were identified may be better understood, a description of cDNA microarray technology is provided below. Following this description the specific experimental approach employed herein is described. Certain aspects of the invention are then described in further detail.

II. cDNA Microarray Technology

cDNA microarrays consist of multiple (usually thousands) of different cDNAs spotted (usually using a robotic spotting device) onto known locations on a solid support, such as a glass microscope slide. The cDNAs are typically obtained by PCR amplification of plasmid library inserts using primers complementary to the vector backbone portion of the plasmid or to the gene itself for genes where sequence is known. PCR products suitable for production of microarrays are typically between 0.5 and 2.5 kB in length. Full length cDNAs, expressed sequence tags (ESTs), or randomly chosen cDNAs from any library of interest can be chosen. ESTs are partially sequenced cDNAs as described, for example, in L. Hillier, et al., Generation

and analysis of 280,000 human expressed sequence tags, *Genome Research*, 6, 807-828, 1996. The afore-mentioned article is herein incorporated by reference, as are the entire teachings of all other patents and journal articles mentioned herein, for all purposes and not just those related to the particular context in which they are mentioned. Although some ESTs correspond to known genes, frequently very little or no information regarding any particular EST is available except for a small amount of 3' and/or 5' sequence and, possibly, the tissue of origin of the mRNA from which the EST was derived. As will be appreciated by one of ordinary skill in the art, in general the cDNAs contain sufficient sequence information to uniquely identify a gene within the human genome. Furthermore, in general the cDNAs are of sufficient length to hybridize, preferably specifically and yet more preferably uniquely, to cDNA obtained from mRNA derived from a single gene under the hybridization conditions of the experiment.

In a typical microarray experiment, a microarray is hybridized with differentially labeled RNA or DNA populations derived from two different samples. Most commonly RNA (either total RNA or poly A^+ RNA) is isolated from cells or tissues of interest and is reverse transcribed to yield cDNA. Labeling is usually performed during reverse transcription by incorporating a labeled nucleotide in the reaction mixture. Although various labels can be used, most commonly the nucleotide is conjugated with the fluorescent dyes Cy3 or Cy5. For example, Cy5-dUTP and Cy3-dUTP can be used. cDNA derived from one sample (representing, for example, a particular cell type, tissue type or growth condition) is labeled with one fluor while cDNA derived from a second sample (representing, for example, a different cell type, tissue type, or growth condition) is labeled with the second fluor. Similar amounts of labeled material from the two samples are cohybridized to the microarray. In the case of a microarray experiment in which the samples are labeled with Cy5 (which fluoresces red) and Cy3 (which fluoresces green), the primary data (obtained by scanning the microarray using a detector capable of quantitatively detecting fluorescence intensity) are ratios of fluorescence intensity (red/green, R/G). These ratios represent the relative concentrations of cDNA molecules that hybridized to the cDNAs represented on the microarray and thus reflect the relative expression levels of the mRNA corresponding to each cDNA/gene represented on the microarray.

Each microarray experiment can provide tens of thousands of data points, each representing the relative expression of a particular gene in the two samples. Appropriate organization and analysis of the data is of key importance. Various computer programs that incorporate standard statistical tools have been developed to facilitate data analysis. One basis for organizing gene expression data is to group genes with similar expression patterns together into clusters. A method for performing hierarchical cluster analysis and display of data derived from microarray experiments is described in Eisen, M., Spellman, P., Brown, P., and Botstein, D., Cluster analysis and display of genome-wide expression patterns, *Proc. Natl. Acad. Sci. USA*, 95: 14863-14868, 1998. As described therein, clustering can be combined with a graphical representation of the primary data in which each data point is represented with a color that quantitatively and qualitatively represents that data point. By converting the data from a large table of numbers into a visual format, this process facilitates an intuitive analysis of the data. Additional information and details regarding the mathematical tools and/or the clustering approach itself may be found, for example, in Sokal, R.R. & Sneath, P.H.A. Principles of numerical taxonomy, xvi, 359, W. H. Freeman, San Francisco,1963; Hartigan, J.A. Clustering algorithms, xiii, 351, Wiley, New York, 1975; Paull, K.D. et al. Display and analysis of patterns of differential activity of drugs against human tumor cell lines: development of mean graph and COMPARE algorithm. *J Natl Cancer Inst* 81, 1088-92,1989; Weinstein, J.N. et al. Neural computing in cancer drug development: predicting mechanism of action. *Science* 258, 447-51, 1992; van Osdol, W.W., Myers, T.G., Paull, K.D., Kohn, K.W. & Weinstein, J.N. Use of the Kohonen self-organizing map to study the mechanisms of action of chemotherapeutic agents. *J Natl Cancer Inst* 86, 1853-9, 1994; and Weinstein, J.N. *et al.* An information-intensive approach to the molecular pharmacology of cancer. *Science*, 275, 343-9, 1997.

Further details of the experimental methods used in the present invention are found in the Examples. Additional information describing methods for fabricating and using microarrays is found in U.S. Patent No. 5,807,522, which is herein incorporated by reference. Instructions for constructing microarray hardware (e.g., arrayers and scanners) using commercially available parts can be found at http://cmgm.stanford.edu/pbrown/ and in Cheung, V., Morley, M., Aguilar, F.,

Massimi, A., Kucherlapati, R., and Childs, G., Making and reading microarrays, *Nature Genetics Supplement*, 21:15-19, 1999, which are herein incorporated by reference. Additional discussions of microarray technology and protocols for preparing samples and performing microrarray experiments are found in, for example, DNA arrays for analysis of gene expression, *Methods Enzymol*, 303:179-205, 1999; Fluorescence-based expression monitoring using microarrays, *Methods Enzymol*, 306: 3-18, 1999; and M. Schena (ed.), DNA Microarrays: A Practical Approach, Oxford University Press, Oxford, UK, 1999. Descriptions of how to use an arrayer and the associated software are found at http://cmgm.stanford.edu/pbrown/mguide/arrayerHTML/ArrayerDocs.html, which is herein incorporated by reference.

III. Experimental Approach of the Invention

The present invention encompasses the realization that genes that are differentially expressed are of use in classifying tumors. Differentially expressed genes are likely to be responsible for the different phenotypic characteristics of tumors. The present invention identifies such genes. In general, a differentially expressed gene is a gene whose transcript abundance varies between different samples, e.g., between different tumor samples, between normal versus tumor samples, etc. In the case of the experiment described herein, the transcript level of a differentially expressed gene varies by at least 4-fold from its average abundance in a given sample set in at least 3 of the samples. However, genes that display smaller variations in expression are also within the scope of the invention. In general, the amount by which the expression varies and the number of samples in which the expression varies by that amount will depend upon the number of samples and the particular characteristics of the samples. One skilled in the art will be able to determine, based on knowledge of the samples, what constitutes a significant degree of differential expression.

While analysis of multiple genes is of use in developing a robust classification of tumors, each of the differentially expressed genes and their encoded proteins is a target for the development of diagnostic and therapeutic agents. Investigation of

variation in individual genes in breast tumors reveals that molecular variation can be related to important features of clinical variation. For example, expression of the estrogen receptor alpha gene (*ESR1*), the *Erb-B2/HER2/neu* oncogene, and the mutational status at the *TP53*, *BRCA1* and *BRCA2* loci have shown that molecular variation can be related to important features of clinical variation. (Discussed, for example, in Osborne, C.K., *et al.*, The value of estrogen and progesterone receptors in the treatment of breast cancer, *Cancer* 46, 2884-2888, 1980; Ingvarsson, S., Molecular genetics of breast cancer progression, *Seminars in Cancer Biology*, 9, 277-288, 1999;

Breast Cancer Linkage Consortium, Pathology of familial breast cancer: differences between breast cancers in carriers of *BRCA1* and *BRCA2* mutations and sporadic cases, *Lancet*, 349, 1505-1510, 1997; Anderson, T. I., et al., Prognostic significance of *TP53* alterations in breast carcinoma. *Br J Cancer*, 68, 540-548, 1993 and references cited in these articles). In particular, approximately 60% to 70% of breast tumors express the estrogen receptor, and this expression has been shown to be a favorable prognostic factor (reviewed in Allred, D.C., et al. Prognostic and Predictive Factors in Breast Cancer by Immunohistochemical Analysis, *Modern Pathology*, 11(2), 155-168, 1998).

As described in more detail in Examples 1, 2, and 4, cDNA microarrays each representing the same set of approximately 8100 different human genes were produced. The human cDNA clones used to produce the microarrays contained approximately 4000 named genes, 2000 genes with homology to named genes in other species, and approximately 2000 ESTs of unknown function. An mRNA sample was obtained from each of a set of 84 tissue samples or cell lines. The expression levels of the approximately 8100 genes were measured in each mRNA sample by hybridization to an individual microarray, yielding an expression profile for each gene across the experimental samples. Although more details will be found in the Examples, an overview of the experimental procedure is presented here so that the invention may be better understood.

Variation in patterns of gene expression were characterized in 62 breast tumor samples from 40 different patients, 3 normal breast tissue samples, and 19 samples from 17 cultured human cell lines (one of which was sampled 3 times under different

conditions). Twenty of the tumors had been sampled twice, before and after a 16 week course of doxorubicin chemotherapy, and two tumors were paired with a lymph node metastasis from the same patient. The other 18 tumor samples were single samples from individual tumors. A detailed listing of the tumor samples and various characteristics including clinical estrogen receptor and Erb-B2 status as assessed using antibody staining, estrogen receptor and Erb-B2 status as assessed by microarray result, tumor grade, differentiation, survival status and time, age at diagnosis, doxorubicin response, and p53 status is presented in Table 5. A listing of the cell lines including description and ATCC (American Tissue Culture Collection) number or reference is presented in Table 3. The cell lines provided a framework for interpreting the variation in gene expression patterns seen in the tumor samples and included gene expression models for many of the cell types encountered in tumors.

As described in more detail in Example 2, mRNA was isolated from each sample. cDNA labeled with the fluorescent dye Cy5 was prepared from each experimental sample separately. Fluorescently labeled cDNA, labeled using a second distinguishable dye (Cy3), was prepared from a pool of mRNAs isolated from 11 different cultured cell lines. The pooled mRNA sample served as a reference to provide a common internal standard against which each gene's expression in each experimental sample was measured.

Comparative expression measurements were made by separately mixing Cy5-labeled experimental cDNA derived from each of the 84 samples with a portion of the Cy3-labeled reference cDNA, and hybridizing each mixture to an individual cDNA microarray. The ratio of Cy5 fluorescence to Cy3 fluorescence measured at each cDNA element on the microarray was then quantitatively measured. The use of a common reference standard in each hybridization allowed the fluorescence ratios to be treated as comparative measurements of the expression level of each gene across all the experimental samples.

A hierarchical clustering method (Eisen, *et al.*, 1998) was used to group genes based on similarity in the pattern with which their expression varied over all experimental samples. The same clustering method was used to group the experimental samples (tissue and cell lines separately) based on the similarity in their patterns of expression. Interpretation of the data obtained from the clustering

algorithm was facilitated by displaying the data in the form of tumor and gene dendrograms. In the tumor dendrograms, the pattern and length of the branches reflects the relatedness of the tumor samples with respect to their expression of genes represented on the microarray. Microarray images and tumor and gene dendrograms are available in Perou, et al, *Nature*, 2000, and at inventors' Web site (http://genome-www.stanford.edu/molecularportraits/). In general, the similarity of the gene expression profiles of individual tumor samples or groups of tumor samples to one another is inversely related to the length of the branches that connect them. Thus, for example, adjacent tumor samples connected to one another by short vertical branches descending from a common horizontal branch (e.g., tumor samples Norway 48-BE and Norway 48-AF close to the right of the tumor dendrogram) are more closely related to one another in terms of their gene expression profiles than adjacent tumor samples connected to one another by longer vertical branches descending from a common horizontal branch (e.g., tumor samples Norway 100-BE and Norway 100-AF at the left side of the tumor dendrogram). To the extent that the gene expression programs dictate the biological properties and behavior of the tumors and reflect their physiological state and environment, it is expected that the clustering of the tumors reflects phenotypic relationships among them, e.g., tumor samples connected by short horizontal branches (i.e., located in close proximity to one another) are expected to exhibit similar phenotypic features. In the gene dendrograms, the pattern and length of the branches reflects the relatedness of the genes with respect to their expression profiles across the tumor samples. Similarly to the tumor samples, genes connected by short vertical branches are more similar to one another in terms of expression profile than genes connected by longer vertical branches.

The expression patterns of the genes were also displayed using a matrix format, with each row representing all of the hybridization results for a single cDNA element on the array and each column representing the measured expression levels for all genes in a single sample. In this format, tumor samples with similar patterns of expression across the gene set are close to each other along the horizontal dimension. Similarly, genes with similar expression patterns across the set of samples are close to each other along the vertical dimension. To allow the patterns of expression to be visualized, the normalized expression value of each gene was represented by a colored

box, using red to represent expression levels greater than the median and green to represent expression levels less than the median. In all images the brightest red color represents transcript levels at least 16-fold greater than the median, and the brightest green color represents transcript levels at least 16-fold below the median. This display format facilitates comparisons between genes and the recognition of significant patterns.

As described herein, systematic investigation of gene expression patterns in human breast tumors and their correlation to specific features of phenotypic variation offers a basis for an improved molecular taxonomy of breast cancers. Such a taxonomy has significant clinical utility. For example, correlation of gene expression patterns with outcome in the absence of treatment is of use in deciding whether a patient should receive adjuvant chemotherapy after surgery. As another example, genes whose expression level varies between tumors that are sensitive to chemotherapy and tumors that are resistant to chemotherapy are of use in predicting likelihood of response and in selection of appropriate treatment. Genes whose expression level varies between tumor samples taken before and after therapy are of use in understanding the response of tumors to treatment.

IV. Further Aspects of the Invention

A. Basal tumor subclasses and corresponding gene subsets

Gene and tumor dendrograms were derived from data obtained by performing a microarray analysis on the set of breast tumor and breast tissue samples described above, using a set of genes (the "intrinsic" gene set) described further below and in Example 8. Appendices A and C present the resulting tumor dendrograms and color matrix displays of the gene expression profiles obtained. Although technically the dendrograms identify groups of tumor samples, since each sample is obtained from a specific tumor the dendrograms also identify groups of tumors. Thus, in general, a group of tumor samples corresponds to a group of tumors. Therefore, throughout most of the discussion herein reference will be made to tumor groups, classes, etc., rather than tumor sample groups, classes, etc. The clustering method permits the identification of subsets of genes with related expression profiles across a set of tumors and the identification of groups or classes of tumors with similar expression

profiles across a set of genes. Although the existence of gene subsets is revealed by the display of the data in dendrogram format, understanding the significance of the gene subsets obtained in experiments such as those described above requires interpretation in light of knowledge about the genes and tumor samples. Groups of tumors identified based on their expression patterns of sets of genes (e.g., groups of tumors that overexpress genes in particular gene subsets) can be designated as tumor classes when deemed significantly distinct to warrant a distinct classification.

Table 5 includes information regarding the clinical outcome of the tumors from which the samples were obtained. In particular, the table includes survival time of the patients and, for some of the tumors, whether or not the tumor responded to chemotherapy (doxorubicin). Such information was used to demonstrate that the basal tumor class is characterized by a poor clinical outcome relative to the other tumors. Differences in survival between groups of patients was demonstrated using the Kaplan-Meier technique for survival analysis, which is implemented in computer software such as the SAS package (SAS Institute, Inc, Cary, NC) and described in the accompanying manual. Of course various other statistical techniques can be used to detect differences in survival or any other clinical parameters between groups of tumors. Various appropriate statistical techniques useful for analyzing survival are discussed, for example, in Lawless, J.F., *Statistical Models and Methods for Lifetime Data.* New York: John Wiley & Sons, 1982. Lee, Elisa T. *Statistical Methods for Survival Data Analysis.* 2nd ed. New York: John Wiley & Sons, 1992. Marubini, Ettore, and Valsecchi, Maria Grazia, *Analysing Survival Data from Clinical Trials and Observational Studies.* New York: John Wiley & Sons, 1995. Miller, Rupert G. Jr. *Survival Analysis.* New York: John Wiley & Sons, 1981. Rosner, Bernard, *Fundamentals of Biostatistics.* 4th ed. Belmont, California: Duxbury Press, 1995.) Other clinical parameters of importance include response to therapy, time to recurrence, etc.

As will be appreciated by one of ordinary skill in the art, the correlation of particular tumor groups with survival or other parameters of clinical importance can be strengthened by the inclusion of data obtained from additional tumor samples.

The invention identifies genes and gene subsets that are associated with the basal tumor subclass. The genes and gene subsets are identified in part by the

overexpression of certain members of each subset in a particular tumor group and are also defined in part based on the proximity of genes within each subset to one another in a gene dendrogram. As used herein unless otherwise stated, a gene is overexpressed in a tissue sample at the RNA level if a mRNA corresponding to (i.e., transcribed from) the gene is present in excess relative to the median abundance of that mRNA across the set of analyzed specimens. A gene is overexpressed in a tissue sample at the protein level if a polypeptide corresponding to (i.e., translated from a mRNA that was transcribed from) the gene is present in excess relative to the abundance of that polypeptide across the set of analyzed specimens. The measurement of relative abundance using cDNA microarrays relies upon the comparison of all samples relative to a common reference sample that provides cognate mRNA for as many genes as possible with the goal of providing a common denominator for the measured ratios across all samples. Each tested sample can be compared to all other tested samples in ratio units relative to the reference. This allows reproducible determination of gene expression in each tested sample relative to the median gene expression across any given sample set (Ross, DT, et al., Systematic variation in gene expression patterns in human cancer cell lines, *Nat Genet.* 2000 Mar;24(3):227-35, 2000). In general, an appropriate reference sample comprises a renewable source of diverse cell samples such as a mixture of cells obtained from the panel of 11 cell lines listed in Table 3. A particularly preferred reference sample is one in which all relevant genes are represented in significant abundance above measured background. This provides for a reproducible measurement of reference signal for all relevant genes. As is well known in the art, there is generally a correlation between overexpression or underexpression at the RNA level and overexpression or underexpression at the protein level. In other words, if a mRNA is overexpressed then it is highly likely that the corresponding polypeptide is also overexpressed, and if a mRNA is underexpressed then it is highly likely that the corresponding polypeptide is underexpressed. Therefore, detection of either mRNA or a corresponding polypeptide is generally sufficient to determine whether a particular gene is over or underexpressed. However, as is well known in the art, in certain situations it may be more convenient and/or practical to detect mRNA while in other situations it may be more convenient and/or practical to detect polypeptides.

As mentioned above, genes that are overexpressed in one or more samples may be identified by examining the microarray data displayed in matrix format, wherein red squares indicate overexpression. The basal gene subset includes a number of genes known to be expressed in basal epithelial cells (e.g., cytokeratins 5 and 17) and is characterized in that certain of the genes in the subset are overexpressed at the RNA level in samples obtained from a subset of tumors that had a poor prognosis relative to the entire group of tumors (the basal group). Referring to Perou, et al, Nature, 2000, the basal gene subset comprises two subsets identified with a blue bar and a green bar along the side of the color matrices. Genes in the basal gene subset are, in general, overexpressed in tumors in the basal tumor group (identified with orange dendrogram branches). Of course it will be appreciated that additional genes, not necessarily falling into either of the two basal gene subsets, also have an expression pattern similar to that of cytokeratin 5 and/or cytokeratin 17.

It will be appreciated that not all of the genes are overexpressed to a similar extent within a particular group of tumors and that expression of any given gene will likely vary between different tumors in a group. For example, genes identified as "Cytochrome P450, subfamily IIA" and "Lymphoid nuclear protein related to AF4" are significantly overexpressed in tumors at the far right of the luminal tumor group (Stanford 24, Norway 27, 28, 26, and 56) while they are expressed at lesser levels in other members of the luminal tumor group. Conversely, genes identified as "417081" and "Homo Sapiens PWD gene mRNA, 3' end" are, in general, relatively underexpressed in these tumors. However, the overall expression patterns of genes in each subset over all tissue samples, are sufficiently similar to cause them to cluster in close proximity on the gene dendrogram. Thus whether a gene is a member of one of the inventive gene subsets is not determined solely on the basis of the overexpression of that gene within a tumor subset but also on the relationship of the overall expression pattern of the gene to the expression pattern of other genes within the subset. It will further be appreciated that a gene may be overexpressed in more than one tumor group. For example, certain of the genes in the basal subset are expressed in a group identified with green dendrogram branches, which includes both tumor and normal tissue samples, in addition to being overexpressed in the basal tumor group.

B. Diagnostics and methods of use thereof

The invention provides reagents for detecting expression products of the basal marker genes described herein, i.e., cadherin3, matrix metalloproteinase 14, and cadherin EGF LAG seven-pass G-type receptor 2. Detection of these expression products identifies tumors in the basal tumor subclass. While not wishing to be bound by any theory, inventors suggest that breast carcinoma with basal cell like features has distinguishing biology that could be targeted in therapeutic development. Once therapeutics targeted at such tumors are identified (as described elsewhere herein), detection of these expression products allows identification of subjects likely to benefit from these therapeutics. In addition, since the invention has established a correlation between the expression of the three basal marker genes and the expression of cytokeratin17 and also established that cytokeratin 5/6 and/or cytokeratin 17 expression in breast tumors correlates with a poor outcome, detection of expression of the basal marker genes is useful in guiding therapeutic decisions in general. If it is known that a patient has a tumor that falls into the basal tumor subclass and thus has a poor prognosis, a more aggressive approach to therapy may be warranted than in tumors not falling within the basal subclass. For example, in patients where there is no evidence of disease in lymph nodes (node-negative patients), a decision must be made regarding whether to administer chemotherapy (adjuvant therapy) following surgical removal of the tumor. While some patients are likely to benefit from such treatment, it has significant side effects. Presently it is difficult or impossible to predict which patients would benefit. Knowing that a patient falls into a poor prognosis category may help in this decision. Of note, inventors showed that in node-negative patients cytokeratin 5/6 and/or 17 expression was a prognostic factor independent of tumor size and tumor grade. See Example 13 for further discussion of these issues and inventor's findings. Detecting expression of the basal marker genes of the present invention may provide information related to tumor progression. It is well known that as tumors progress, their phenotypic characteristics may change. The invention contemplates the possibility that breast tumors may evolve from luminal-like to basal-like (or vice versa), and that detection of expression products of the basal marker genes can be used to detect such progression.

It is well known in the art that some tumors respond to certain therapies while others do not. In general there is very little information that may be used to determine, prior to treatment, the likelihood that a specific tumor will respond to a given therapeutic agent. Many compounds have been tested for anti-tumor activity and appear to be effective in only a small percentage of tumors. Due to the current inability to predict which tumors will respond to a given agent, these compounds have not been developed into marketed therapeutics. This problem reflects the fact that current methods of classifying tumors are limited. However, the present invention offers the possibility of identifying tumor subgroups characterized by a significant likelihood of response to a given agent. Tumor sample archives containing tissue samples obtained from patients that have undergone therapy with various agents are available along with information regarding the results of such therapy. In general such archives consist of tumor samples embedded in paraffin blocks. These tumor samples can be analyzed for their expression of polypeptides encoded by the basal marker genes of the present invention. For example, immunohistochemistry can be performed using antibodies that bind to the polypeptides. Tumors belonging to the basal tumor subclass may then be identified on the basis of this information. It is then possible to correlate the expression of the basal marker genes with the response of the tumor to therapy, thereby identifying particular compounds that show a superior efficacy in tumors in this class as compared with their efficacy in tumors overall or in tumors not falling within the basal tumor subclass. Once such compounds are identified it will be possible to select patients whose tumors fall into the basal tumor subclass for additional clinical trials using these compounds. Such clinical trials, performed on a selected group of patients, are more likely to demonstrate efficacy. The reagents provided herein, therefore, are valuable both for retrospective and prospective trials.

In the case of prospective trials, detection of expression products of one or more of the marker genes may be used to stratify patients prior to their entry into the trial or while they are enrolled in the trial. In clinical research, stratification is the process or result of describing or separating a patient population into more homogeneous subpopulations according to specified criteria. Stratifying patients initially rather than after the trial is frequently preferred, e.g., by regulatory agencies such as the U.S. Food and Drug Administration that may be involved in the approval

process for a medication. In some cases stratification may be required by the study design. Various stratification criteria may be employed in conjunction with detection of expression of one or more basal marker genes. Commonly used criteria include age, family history, lymph node status, tumor size, tumor grade, etc. Other criteria including, but not limited to, tumor aggressiveness, prior therapy received by the patient, ER and/or PR positivity, Her2neu status, p53 status, various other biomarkers, etc., may also be used. Stratification is frequently useful in performing statistical analysis of the results of a trial. Ultimately, once compounds that exhibit superior efficacy against breast basal tumors are identified, reagents for detecting expression of the basal marker genes may be used to guide the selection of appropriate chemotherapeutic agent(s).

In summary, by providing reagents and methods for classifying tumors based on their expression of the basal marker genes, the present invention offers a means to individualize therapy. The invention further provides a means to identify a patient population that may benefit from potentially promising therapies that have been abandoned due to inability to identify the patients who would benefit from their use.

Information regarding the expression of the basal marker genes is useful even in the absence of specific information regarding their biological function or role in tumor development, progression, maintenance, or response to therapy. Although the reagents disclosed herein find particular application with respect to breast cancer, the invention also contemplates their use to provide diagnostic and/or prognostic information for other cancer types. As is well known in the art, mutations in a single gene (e.g., the *p53* gene) may play a role in the development of multiple cancer types. Thus it is contemplated that some or all of the basal marker genes described herein will be important both in breast cancer and in one or more other tumor types, particularly since basal cells are a feature of epithelia throughout the body.

In one aspect, the invention provides a method of classifying tumors by detecting the presence of one or more of the inventive gene products encoded by the cadherin3, matrix metalloproteinase 14, and cadherin EGF LAG seven-pass G-type receptor 2 genes. As is well known in the art, a polypeptide may be detected using a variety of techniques that employ an antibody that binds to the polypeptide. As described further below, these techniques include enzyme-linked immunosorbent

assay (ELISA), immunoblot, and immunohistochemistry. The invention encompasses the use of protein arrays, including antibody arrays, for detection of the polypeptide. The use of antibody arrays is described, for example, in Haab, B., *et al.*, "Protein microarrays for highly parallel detection and quantitation of specific proteins and antibodies in complex solutions", *Genome Biol.* 2001;2(2), 2001. Other types of protein arrays are known in the art.

In addition, in certain embodiments of the invention the polypeptides are detected using other modalities known in the art for the detection of polypeptides, such as aptamers (Aptamers, *Molecular Diagnosis*, Vol. 4, No. 4, 1999), reagents derived from combinatorial libraries for specific detection of proteins in complex mixtures, random peptide affinity reagents, etc. In general, any appropriate method for detecting a polypeptide may be used in conjunction with the present invention, although antibodies may represent a particularly appropriate modality.

The invention provides antibodies to the polypeptides encoded by the encoded by the cadherin3, matrix metalloproteinase 14, and cadherin EGF LAG seven-pass G-type receptor 2 genes. Example 10 describes the generation of polyclonal antibodies to these polypeptides. In general, antibodies (either monoclonal or polyclonal) may be generated by methods well known in the art and described, for example, in Harlow, E., Lane, E., and Harlow, E., (eds.) *Using Antibodies: A Laboratory Manual*, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, 1998. Details and references for the production of antibodies based on an inventive polypeptide may also be found in U.S. Patent No. 6,008,337. Antibodies may include, but are not limited to, polyclonal, monoclonal, chimeric (e.g., "humanized"), and single chain antibodies, and Fab fragments, antibodies generated using phage display technology, etc. The invention encompasses "fully human" antibodies produced using the XenoMouse™ technology (AbGenix Corp., Fremont, CA) according to the techniques described in U.S. Patent No. 6,075,181.

The invention encompasses a number of uses for these antibodies. Detection of the basal marker polypeptides may be used to provide diagnostic information. As used herein the term "diagnostic information" includes, but is not limited to, any type of information that is useful in determining whether a patient has, or is at increased risk for developing, a disease or disorder; for providing a prognosis for a patient

having a disease or disorder; for classifying a disease or disorder; for monitoring a patient for recurrence of a disease or disorder; for selecting a preferred therapy; for predicting the likelihood of response to a therapy, etc. In certain embodiments of the invention, the antibodies are used for providing diagnostic information for cancer, particularly for breast cancer, but they may also be of use for providing diagnostic information for other diseases, e.g., other types of cancer.

In general, diagnostic assays in which the antibodies may be employed include methods that use the antibody to detect the polypeptide in a tissue sample, cell sample, body fluid sample (e.g., serum), cell extract, etc. Such methods typically involve the use of a labeled secondary antibody that recognizes the primary antibody (i.e., the antibody that binds to the polypeptide being detected). Depending upon the nature of the sample, appropriate methods include, but are not limited to, immunohistochemistry, radioimmunoassay, ELISA, immunoblotting, and FACS analysis. In the case where the polypeptide is to be detected in a tissue sample, e.g., a biopsy sample, immunohistochemistry is a particularly appropriate detection method. Techniques for obtaining tissue and cell samples and performing immunohistochemistry and FACS are well known in the art. Such techniques are routinely used, for example, to detect the ER in breast tumor tissue or cell samples. In general, such tests will include a negative control, which can involve applying the test to normal tissue so that the signal obtained thereby can be compared with the signal obtained from the sample being tested. In tests in which a secondary antibody is used to detect the antibody that binds to the polypeptide of interest, an appropriate negative control can involve performing the test on a portion of the sample with the omission of the antibody that binds to the polypeptide to be detected, i.e., with the omission of the primary antibody. Antibodies suitable for use as diagnostics generally exhibit high specificity for the target polypeptide and low background. In general, monoclonal antibodies are preferred for diagnostic purposes.

In general, the results of such a test can be presented in any of a variety of formats. The results can be presented in a qualitative fashion. For example, the test report may indicate only whether or not a particular polypeptide was detected, perhaps also with an indication of the limits of detection. The results may be presented in a semi-quantitative fashion. For example, various ranges may be defined, and the

ranges may be assigned a score (e.g., 1+ to 4+) that provides a certain degree of quantitative information. Such a score may reflect various factors, e.g., the number of cells in which the polypeptide is detected, the intensity of the signal (which may indicate the level of expression of the polypeptide), etc. The results may be presented in a quantitative fashion, e.g., as a percentage of cells in which the polypeptide is detected, as a protein concentration, etc. As will be appreciated by one of ordinary skill in the art, the type of output provided by a test will vary depending upon the technical limitations of the test and the biological significance associated with detection of the polypeptide. For example, in the case of certain polypeptides a purely qualitative output (e.g., whether or not the polypeptide is detected at a certain detection level) provides significant information. In other cases a more quantitative output (e.g., a ratio of the level of expression of the polypeptide in the sample being tested versus the normal level) is necessary.

Sequence analysis of two of the basal marker proteins, matrix metalloproteinase 14 and cadherin EGF LAG seven-pass G-type receptor 2 indicates that they possess one or more transmembrane domains and an extracellular portion. Sequence analysis of the third basal marker protein, cadherin3, indicates that it also has an extracellular portion. The invention encompasses the recognition that since these proteins have an extracellular domain, the likelihood exists that a portion of these proteins may therefore be present in serum (e.g., the portion may be cleaved by endogenous proteases and released into the bloodstream), enabling their detection through a blood test rather than requiring a biopsy specimen. Regardless of whether the proteins are present in serum, the likelihood that cadherin3, cadherin EGF LAG seven-pass G-type receptor 2, and matrix metalloproteinase 14 are membrane bound makes them attractive candidates for antibody diagnostics. The proteins may be detected on cells that enter the bloodstream or in samples obtained from a tumor site (e.g., cell or tissue samples).

Measurement of prostate specific antigen (PSA) in serum using an immunoassay technique is widely used as a method for early detection of prostate cancer and for monitoring recurrence or progression after therapy, etc. Methods and considerations in the use of this clinical marker are described, for example, in Chen DW, *et al.* Prostate-specific antigen as a marker for prostate cancer: A monoclonal

and polyclonal immunoassay compared. *Clin Chem* , 33:1916-1920, 1987; Oesterling JE, *et al.* Free, complexed and total serum prostate specific antigen: The establishment of appropriate reference ranges for their concentrations and ratios. *J Urol* 154:1090-1095, 1995; Hybritech Tandem®-MP Free PSA. Package insert. March 1998 and Hybritech Tandem® Total PSA. Package insert., Hybritech, Inc., San Diego, CA. One of ordinary skill in the art will readily be able to develop appropriate assays for polypeptides encoded by the basal marker genes described herein and to apply them to the detection of such polypeptides in serum. Such assays may be used as screening tests for cancer, to detect recurrence or progression of cancer, to monitor the response of cancer to therapy, to classify and/or provide prognostic information regarding a tumor, etc.

In certain embodiments of the inventive methods a single antibody is used whereas in other embodiments of the invention multiple antibodies, directed either against the same or against different polypeptides can be used to increase the sensitivity or specificity of the test or to provide more detailed information than that provided by a single antibody. Thus the invention encompasses the use of a battery of antibodies that bind to polypeptides encoded by the basal marker genes identified herein. Of course these antibodies can also be used in conjunction with antibodies against other polypeptides, including antibodies that bind to cytokeratin 5/6 or 17.

Various other techniques for detecting the basal marker polypeptides identified herein are within the scope of the invention. For example, a basal marker polypeptide may be detected using an assay for a biochemical activity of the polypeptide, e.g., an enzymatic activity. This type of assay may be especially convenient for tests on samples such as blood or other body fluids. Such an approach may be particularly attractive in the case of matrix metalloproteinase 14. As described above, matrix metalloproteinases are involved in cleavage of various proteins in the extracellular matrix. The cleavage specificity of this protein may readily be determined, and an appropriate substrate prepared. (See, e.g., Turk, B., *et al.*, "Determination of protease cleavage site motifs using mixture-based oriented peptide libraries", *Nature Biotechnology*, 19(7): 661-667, 2001, which discusses cleavage site motifs for various metalloproteases including MMP14, referred to as MT1-MMP therein.) Cleavage of this substrate may then be detected. In certain embodiments of the invention the

substrate includes a fluorescent moiety for convenient detection. The invention contemplates use of fluorescent resonance energy transfer (FRET) assays to detect matrix metalloproteinase 14 (see http://www.aurorabio.com).

Although in many cases detection of polypeptides using antibodies represents the most convenient means of determining whether a gene is expressed (or overexpressed) in a particular sample, the invention also encompasses the use of polynucleotides for this purpose. Microarray analysis is but one means by which polynucleotides can be used to detect or measure gene expression. Expression of a gene can also be measured by a variety of techniques that make use of a polynucleotide corresponding to part or all of the gene rather than an antibody that binds to a polypeptide encoded by the gene. Appropriate techniques include, but are not limited to, *in situ* hybridization, Northern blot, and various nucleic acid amplification techniques such as PCR, quantitative PCR, and the ligase chain reaction.

One detection method involves performing quantitative PCR on a diagnostic sample using a set of oligonucleotide primers designed to amplify the genes in one or more of the inventive gene sets of gene subsets. (Considerations for primer design are well known in the art and are described, for example, in Newton, et al. (eds.) *PCR: Essential data Series*, John Wiley & Sons; *PCR Primer: A Laboratory Manual*, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, 1995; White, et al.. (eds.) *PCR Protocols: Current methods and Applications,* Methods in Molecular Biology, The Humana Press, Totowa, NJ, 1993. In addition, a variety of computer programs known in the art may be used to select appropriate primers.)

According to one embodiment of this method the diagnostic sample is distributed into multiple vessels, e.g., multiple wells of a 396 well microtiter plate. A pair of primers designed to amplify a portion of a gene in one of the inventive gene sets or subsets is added to each well, and PCR amplification is performed. The resulting product can then be detected using any of a number of methods known in the art depending upon the particular method of performing quantitative PCR that is employed. Primers sufficient for amplification of genes that allow quantitation of different cell types within the sample may also be included in the set of primers.

The invention also encompasses the detection of mutations within any of the basal marker genes or within a regulatory region of a basal marker gene. Such mutations may include, but are not limited to, deletions, additions, substitutions, and amplification of regions of genomic DNA that include all or part of a gene. Methods for detecting such mutations are well known in the art. Such mutations may result in overexpression or inappropriate expression of the gene. Detection of mutations can be used, for example, to predict the likelihood that an individual will develop a condition associated with the mutation.

Another aspect of the invention comprises a kit to test for the presence of any of the inventive polynucleotides or polypeptides, e.g., in a tissue sample or in a body fluid. The kit can comprise, for example, an antibody for detection of a polypeptide or a probe for detection of a polynucleotide. In addition, the kit can comprise a reference or control sample, instructions for processing samples, performing the test and interpreting the results, buffers and other reagents necessary for performing the test. In certain embodiments of the invention the kit comprises a panel of antibodies. In certain embodiments of the invention the kit comprises pairs of primers for detecting expression of one or more of the basal marker genes. In certain embodiments of the invention the kit comprises a cDNA or oligonucleotide array for detecting expression of one or more of the basal marker genes.

D. Therapeutics

The invention encompasses the use of the basal marker genes and their expression products as targets for the development of therapeutics. The invention specifically encompasses antagonists to the basal marker genes and their expression products. Such antagonists (which include, but are not limited to, antibodies, small molecules, antisense nucleic acids) may be produced or identified using any of a variety of methods known in the art. For example, a purified polypeptide or fragment thereof may be used to raise antibodies or to screen libraries of compounds to identify those that specifically bind to the polypeptide. The likelihood that cadherin3, cadherin EGF LAG seven-pass G-type receptor 2, and matrix metalloproteinase 14 are membrane bound makes them attractive candidates for antibody therapeutics.

Preferably antibodies suitable for use as therapeutics exhibit high specificity for the target polypeptide and low background binding to other polypeptides. In general, monoclonal antibodies are preferred for therapeutic purposes. In the case of breast cancer, antibodies against the HER2/neu/ErbB2 polypeptide (a polypeptide homologous to the epidermal growth factor receptor) represent a paradigm in terms of the development of therapeutic antibodies. The *HER2/neu/ErbB2* gene is overexpressed in approximately 25 to 30 percent of metastatic breast tumors, and an antibody against the HER2/neu/ErbB2 polypeptide, Herceptin® (Trastuzumab) is approved for the treatment of certain patients with metastatic breast cancer, confirming the utility of therapeutic antibodies directed against polypeptides that are specifically overexpressed in particular tumors subsets. Proteins that are expressed on the cell surface, such as the basal marker proteins described herein, represent preferred targets for the development of therapeutic agents, particularly therapeutic antibodies. The presence of these proteins on the cell surface can be confirmed using immunohistochemisty.

Antibodies directed against a polypeptide expressed by a cell may have a number of mechanisms of action. In certain instances, e.g., in the case of a polypeptide that exerts a growth stimulatory effect on a cell, antibodies may directly antagonize the effect of the polypeptide and thereby arrest tumor progression, trigger apoptosis, etc. While not wishing to be bound by any theory, it may be particularly likely that certain genes that are overexpressed in tumors having a poor prognosis (e.g., genes in the basal gene subsets) encode polypeptides that have a growth stimulatory effect on tumor cells or facilitate the growth of such cells in some other way, e.g., by enhancing angiogenesis, by allowing cells to overcome normal growth regulatory mechanisms, or by blocking mechanisms that would normally lead to elimination of mutated or otherwise abnormal cells.

In certain embodiments of the invention the antibody may serve to target a toxic moiety to the cell. Thus the invention encompasses the use of antibodies that have been conjugated with a cytotoxic agent, e.g., a toxin such as ricin or diphtheria toxin, a radioactive moiety, etc. Such antibodies can be used to direct the cytotoxic agent specifically to cells that express the inventive polypeptide, particularly in the case of a polypeptide that is expressed on the cell surface.

Although certain antagonists may function through direct interaction with a polypeptide, e.g., by inhibiting its activity, others may function by affecting expression of the polypeptide. Reduction in expression of an endogenously produced polypeptide may be achieved by the administration of antisense nucleic acids (e.g., oligonucleotides, RNA, DNA, most typically oligonucleotides that have been modified to improve stability or targeting) or peptide nucleic acids comprising sequences complementary to those of the mRNA that encodes the polypeptide. Antisense technology and its applications are described in Phillips, M.I. (ed.) *Antisense Technology*, Methods Enzymol., Volumes 313 and 314, Academic Press, San Diego, 2000, and references mentioned therein. Ribozymes (catalytic RNA molecules that are capable of cleaving other RNA molecules) represent another approach to reducing gene expression. Such ribozymes can be designed to cleave specific mRNAs corresponding to a gene of interest. Their use is described in U.S. Patent No. 5,972,621, and references therein. The invention encompasses the delivery of antisense and/or ribozyme molecules via a gene therapy approach in which vectors or cells expressing the antisense molecules are administered to an individual.

It may also be desirable to increase the expression of a gene in an inventive gene subset or to increase the activity of the corresponding polypeptide. For example, in the case of genes that are overexpressed in tumors having a good prognosis, e.g., certain genes in the luminal subset, it may be desirable to increase the expression of such genes or the activity of the corresponding polypeptides in tumors that fail to express these genes.

Small molecule modulators (e.g., inhibitors or activators) of gene expression are also within the scope of the invention and may be detected by screening libraries of compounds using, for example, cell lines that express the polypeptide or a version of the polypeptide that has been modified to include a readily detectable moiety. Methods for identifying compounds capable of modulating gene expression are described, for example, in U.S. Patent No. 5,976,793. The screening methods described therein are particularly appropriate for identifying compounds that do not naturally occur within cells and that modulate the expression of genes of interest whose expression is associated with a defined physiological or pathological effect within a multicellular organism.

More generally, the invention encompasses compounds that modulate the activity of a basal marker gene of the present invention. Methods of screening for such interacting compounds are well known in the art and depend, to a certain degree, on the particular properties and activities of the polypeptide encoded by the gene. Representative examples of such screening methods may be found, for example, in U.S. Patent No. 5,985,829, U.S. Patent No. 5,726,025, U.S. Patent No. 5,972,621, and U.S. Patent No. 6,015,692. The skilled practitioner will readily be able to modify and adapt these methods as appropriate for a given polypeptide. Thus the invention encompasses methods of screening for molecules that modulate the activity of a polypeptide encoded by a basal marker gene.

The invention also encompasses the use of polynucleotide sequences corresponding to basal marker genes, or portions thereof, as DNA vaccines. Such vaccines comprise polynucleotide sequences, typically inserted into vectors, that direct the expression of an antigenic polypeptide within the body of the individual being immunized. Details regarding the development of vaccines, including DNA vaccines for various forms of cancer may be found, for example, in Brinckerhoff L.H., Thompson L.W., Slingluff C.L., Jr., Melanoma Vaccines, *Curr Opin Oncol*, 12(2):163-73, 2000 and in Stevenson, F.K., DNA vaccines against cancer: from genes to therapy, *Ann. Oncol.*, 10(12): 1413-8, 1999 and references therein. The polypeptides, or fragments thereof, that are encoded by genes in the inventive gene subsets may also find use as cancer vaccines. Such vaccines may be used for the prevention and/or treatment of cancer.

The invention includes pharmaceutical compositions comprising the inventive antibodies, or small molecule inhibitors, agonists, or antagonists described above. In general, a pharmaceutical composition will include an active agent in addition to one or more inactive agents such as a sterile, biocompatible carrier including, but not limited to, sterile water, saline, buffered saline, or dextrose solution. The pharmaceutical compositions may be administered either alone or in combination with other therapeutic agents including other chemotherapeutic agents, hormones, vaccines, and/or radiation therapy. By "in combination with", it is not intended to imply that the agents must be administered at the same time or formulated for delivery together, although these methods of delivery are within the scope of the invention. In general,

each agent will be administered at a dose and on a time schedule determined for that agent. Additionally, the invention encompasses the delivery of the inventive pharmaceutical compositions in combination with agents that may improve their bioavailability, reduce or modify their metabolism, inhibit their excretion, or modify their distribution within the body. The invention encompasses treating cancer, particularly breast cancer, by administering the pharmaceutical compositions of the invention. Although the pharmaceutical compositions of the present invention can be used for treatment of any subject (e.g., any animal) in need thereof, they are most preferably used in the treatment of humans.

The pharmaceutical compositions of this invention can be administered to humans and other animals by a variety of routes including oral, intravenous, intramuscular, intraarterial, subcutaneous, intraventricular, transdermal, rectal intravaginal, intraperitoneal, topical (as by powders, ointments, or drops), bucal, or as an oral or nasal spray or aerosol. In general the most appropriate route of administration will depend upon a variety of factors including the nature of the compound (e.g., its stability in the environment of the gastrointestinal tract), the condition of the patient (e.g., whether the patient is able to tolerate oral administration), etc. At present the intravenous route is most commonly used to deliver therapeutic antibodies and nucleic acids. However, the invention encompasses the delivery of the inventive pharmaceutical composition by any appropriate route taking into consideration likely advances in the sciences of drug delivery.

General considerations in the formulation and manufacture of pharmaceutical agents may be found, for example, in *Remington's Pharmaceutical Sciences*, 19th ed., Mack Publishing Co., Easton, PA, 1995. It will be appreciated that certain of the compounds of the present invention can exist in free form for treatment, or, where appropriate, in salt form, as discussed in more detail below. Compounds to be utilized in the pharmaceutical compositions include compounds existing in free form or pharmaceutically acceptable derivatives thereof, as defined herein, such as pharmaceutically acceptable salts, esters, salts of such esters, or any other adduct or derivative, which upon administration to a patient in need, is capable of providing, directly or indirectly, a compound as otherwise described herein, or a metabolite or residue thereof, e.g., a prodrug. Thus, as used herein, the term "pharmaceutically

acceptable salt" refers to those salts which are, within the scope of sound medical judgment, suitable for use in contact with the tissues of humans and lower animals without undue toxicity, irritation, allergic response and the like, and are commensurate with a reasonable benefit/risk ratio. Pharmaceutically acceptable salts are well known in the art. For example, S. M. Berge, et al. describe pharmaceutically acceptable salts in detail in *J. Pharmaceutical Sciences*, 66: 1-19 (1977), incorporated herein by reference. The salts can be prepared in situ during the final isolation and purification of the compounds of the invention, or separately by reacting the free base function with a suitable organic acid. Examples of pharmaceutically acceptable, nontoxic acid addition salts are salts of an amino group formed with inorganic acids such as hydrochloric acid, hydrobromic acid, phosphoric acid, sulfuric acid and perchloric acid or with organic acids such as acetic acid, oxalic acid, maleic acid, tartaric acid, citric acid, succinic acid, or malonic acid or by using other methods used in the art such as ion exchange. Other pharmaceutically acceptable salts include adipate, alginate, ascorbate, aspartate, benzenesulfonate, benzoate, bisulfate, borate, butyrate, camphorate, camphorsulfonate, citrate, cyclopentanepropionate, digluconate, dodecylsulfate, ethanesulfonate, formate, fumarate, glucoheptonate, glycerophosphate, gluconate, hemisulfate, heptanoate, hexanoate, hydroiodide, 2-hydroxy-ethanesulfonate, lactobionate, lactate, laurate, lauryl sulfate, malate, maleate, malonate, methanesulfonate, 2-naphthalenesulfonate, nicotinate, nitrate, oleate, oxalate, palmitate, pamoate, pectinate, persulfate, 3-phenylpropionate, phosphate, picrate, pivalate, propionate, stearate, succinate, sulfate, tartrate, thiocyanate, p-toluenesulfonate, undecanoate, valerate salts, and the like. Representative alkali or alkaline earth metal salts include sodium, lithium, potassium, calcium, magnesium, and the like. Further pharmaceutically acceptable salts include, when appropriate, nontoxic ammonium, quaternary ammonium, and amine cations formed using counterions such as halide, hydroxide, carboxylate, sulfate, phosphate, nitrate, lower alkyl sulfonate and aryl sulfonate.

Additionally, as used herein, the term "pharmaceutically acceptable ester" refers to esters that hydrolyze in vivo and include those that break down readily in the human body to leave the parent compound or a salt thereof. Suitable ester groups include, for example, those derived from pharmaceutically acceptable aliphatic

carboxylic acids, particularly alkanoic, alkenoic, cycloalkanoic and alkanedioic acids, in which each alkyl or alkenyl moiety advantageously has not more than 6 carbon atoms. Examples of particular suitable esters includes formates, acetates, propionates, butyrates, acrylates and ethylsuccinates.

Furthermore, the term "pharmaceutically acceptable prodrugs" as used herein refers to those prodrugs of the compounds of the present invention that are, within the scope of sound medical judgment, suitable for use in contact with the tissues of humans and lower animals without undue toxicity, irritation, allergic response, and the like, commensurate with a reasonable benefit/risk ratio, and effective for their intended use, as well as the zwitterionic forms, where possible, of the compounds of the invention. The term "prodrug" refers to compounds that are rapidly transformed *in vivo* to yield a particular active compound, for example by hydrolysis in blood. A thorough discussion is provided in T. Higuchi and V. Stella, "Pro-drugs as Novel Delivery Systems", Vol. 14 of the A.C.S. Symposium Series, and in Edward B. Roche, ed., *Bioreversible Carriers in Drug Design*, American Pharmaceutical Association and Pergamon Press, 1987, both of which are incorporated herein by reference.

As mentioned above, the pharmaceutical compositions of the present invention additionally comprise a pharmaceutically acceptable carrier, which, as used herein, means a non-toxic, inert solid, semi-solid or liquid filler, diluent, encapsulating material, or formulation auxiliary of any type. Some examples of materials which can serve as pharmaceutically acceptable carriers are sugars such as lactose, glucose and sucrose; starches such as corn starch and potato starch; cellulose and its derivatives such as sodium carboxymethyl cellulose, ethyl cellulose and cellulose acetate; powdered tragacanth; malt; gelatin; talc; excipients such as cocoa butter and suppository waxes; oils such as peanut oil, cottonseed oil; safflower oil; sesame oil; olive oil; corn oil and soybean oil; glycols; such a propylene glycol; esters such as ethyl oleate and ethyl laurate; agar; buffering agents such as magnesium hydroxide and aluminum hydroxide; alginic acid; water; isotonic saline; Ringer's solution; ethyl alcohol, and phosphate buffer solutions, dextrose solutions, as well as other non-toxic compatible lubricants such as sodium lauryl sulfate and magnesium stearate, as well as coloring agents, releasing agents, coating agents, sweetening, flavoring and

perfuming agents, preservatives and antioxidants can also be present in the composition, according to the judgment of the formulator.

Liquid dosage forms for oral administration include pharmaceutically acceptable emulsions, microemulsions, solutions, suspensions, syrups and elixirs. In addition to the active compounds, the liquid dosage forms may contain inert diluents commonly used in the art such as, for example, water or other solvents, solubilizing agents and emulsifiers such as ethyl alcohol, isopropyl alcohol, ethyl carbonate, ethyl acetate, benzyl alcohol, benzyl benzoate, propylene glycol, 1,3-butylene glycol, dimethylformamide, oils (in particular, cottonseed, groundnut, corn, germ, olive, castor, and sesame oils), glycerol, tetrahydrofurfuryl alcohol, polyethylene glycols and fatty acid esters of sorbitan, and mixtures thereof. Besides inert diluents, the oral compositions can also include adjuvants such as wetting agents, emulsifying and suspending agents, sweetening, flavoring, and perfuming agents.

Injectable preparations, for example, sterile injectable aqueous or oleaginous suspensions may be formulated according to the known art using suitable dispersing or wetting agents and suspending agents. The sterile injectable preparation may also be a sterile injectable solution, suspension or emulsion in a nontoxic parenterally acceptable diluent or solvent, for example, as a solution in 1,3-butanediol. Among the acceptable vehicles and solvents that may be employed are water, Ringer's solution, U.S.P. and isotonic sodium chloride solution. In addition, sterile, fixed oils are conventionally employed as a solvent or suspending medium. For this purpose any bland fixed oil can be employed including synthetic mono- or diglycerides. In addition, fatty acids such as oleic acid are used in the preparation of injectables.

The injectable formulations can be sterilized, for example, by filtration through a bacterial-retaining filter, or by incorporating sterilizing agents in the form of sterile solid compositions which can be dissolved or dispersed in sterile water or other sterile injectable medium prior to use.

In order to prolong the effect of a drug, it is often desirable to slow the absorption of the drug from subcutaneous or intramuscular injection. This may be accomplished by the use of a liquid suspension of crystalline or amorphous material with poor water solubility. The rate of absorption of the drug then depends upon its rate of dissolution which, in turn, may depend upon crystal size and crystalline form.

Alternatively, delayed absorption of a parenterally administered drug form is accomplished by dissolving or suspending the drug in an oil vehicle. Injectable depot forms are made by forming microencapsulated matrices of the drug in biodegradable polymers such as polylactide-polyglycolide. Depending upon the ratio of drug to polymer and the nature of the particular polymer employed, the rate of drug release can be controlled. Examples of other biodegradable polymers include poly(orthoesters) and poly(anhydrides). Depot injectable formulations are also prepared by entrapping the drug in liposomes or microemulsions which are compatible with body tissues.

Compositions for rectal or vaginal administration are preferably suppositories which can be prepared by mixing the compounds of this invention with suitable non-irritating excipients or carriers such as cocoa butter, polyethylene glycol or a suppository wax which are solid at ambient temperature but liquid at body temperature and therefore melt in the rectum or vaginal cavity and release the active compound.

Solid dosage forms for oral administration include capsules, tablets, pills, powders, and granules. In such solid dosage forms, the active compound is mixed with at least one inert, pharmaceutically acceptable excipient or carrier such as sodium citrate or dicalcium phosphate and/or a) fillers or extenders such as starches, lactose, sucrose, glucose, mannitol, and silicic acid, b) binders such as, for example, carboxymethylcellulose, alginates, gelatin, polyvinylpyrrolidinone, sucrose, and acacia, c) humectants such as glycerol, d) disintegrating agents such as agar--agar, calcium carbonate, potato or tapioca starch, alginic acid, certain silicates, and sodium carbonate, e) solution retarding agents such as paraffin, f) absorption accelerators such as quaternary ammonium compounds, g) wetting agents such as, for example, cetyl alcohol and glycerol monostearate, h) absorbents such as kaolin and bentonite clay, and i) lubricants such as talc, calcium stearate, magnesium stearate, solid polyethylene glycols, sodium lauryl sulfate, and mixtures thereof. In the case of capsules, tablets and pills, the dosage form may also comprise buffering agents.

Solid compositions of a similar type may also be employed as fillers in soft and hard-filled gelatin capsules using such excipients as lactose or milk sugar as well as high molecular weight polyethylene glycols and the like. The solid dosage forms of

tablets, dragees, capsules, pills, and granules can be prepared with coatings and shells such as enteric coatings and other coatings well known in the pharmaceutical formulating art. They may optionally contain opacifying agents and can also be of a composition that they release the active ingredient(s) only, or preferentially, in a certain part of the intestinal tract, optionally, in a delayed manner. Examples of embedding compositions that can be used include polymeric substances and waxes. Solid compositions of a similar type may also be employed as fillers in soft and hard-filled gelatin capsules using such excipients as lactose or milk sugar as well as high molecular weight polethylene glycols and the like.

The active compounds can also be in micro-encapsulated form with one or more excipients as noted above. The solid dosage forms of tablets, dragees, capsules, pills, and granules can be prepared with coatings and shells such as enteric coatings, release controlling coatings, and other coatings well known in the pharmaceutical formulating art. In such solid dosage forms the active compound may be admixed with at least one inert diluent such as sucrose, lactose or starch. Such dosage forms may also comprise, as is normal practice, additional substances other than inert diluents, e.g., tableting lubricants and other tableting aids such a magnesium stearate and microcrystalline cellulose. In the case of capsules, tablets and pills, the dosage forms may also comprise buffering agents. They may optionally contain opacifying agents and can also be of a composition that they release the active ingredient(s) only, or preferentially, in a certain part of the intestinal tract, optionally, in a delayed manner. Examples of embedding compositions that can be used include polymeric substances and waxes.

Dosage forms for topical or transdermal administration of a compound of this invention include ointments, pastes, creams, lotions, gels, powders, solutions, sprays, inhalants or patches. The active component is admixed under sterile conditions with a pharmaceutically acceptable carrier and any needed preservatives or buffers as may be required. Ophthalmic formulation and ear drops are also contemplated as being within the scope of this invention. The ointments, pastes, creams and gels may contain, in addition to an active compound of this invention, excipients such as animal and vegetable fats, oils, waxes, paraffins, starch, tragacanth, cellulose derivatives, polyethylene glycols, silicones, bentonites, silicic acid, talc and zinc oxide, or

mixtures thereof. Powders and sprays can contain, in addition to the compounds of this invention, excipients such as lactose, talc, silicic acid, aluminum hydroxide, calcium silicates and polyamide powder, or mixtures of these substances. Sprays can additionally contain propellants known in the art such as chlorofluorohydrocarbons.

Transdermal patches have the added advantage of providing controlled delivery of a compound to the body. Such dosage forms can be made by dissolving or dispensing the compound in the proper medium. Absorption enhancers can also be used to increase the flux of the compound across the skin. The rate can be controlled by either providing a rate controlling membrane or by dispersing the compound in a polymer matrix or gel.

In yet another aspect, the present invention also provides a pharmaceutical pack or kit comprising one or more containers filled with one or more of the ingredients of the pharmaceutical compositions of the invention, and in certain embodiments, includes an additional approved therapeutic agent for use as a combination therapy. Optionally associated with such container(s) can be a notice in the form prescribed by a governmental agency regulating the manufacture, use or sale of pharmaceutical products, which notice reflects approval by the agency of manufacture, use or sale for human administration. Instructions for use of the compound(s) may also be included.

According to the methods of treatment of the present invention, cancer, particularly breast cancer, is treated or prevented in a patient such as a human or other mammal by administering to the patient a therapeutically effective amount of a compound of the invention, in such amounts and for such time as is necessary to achieve the desired result. By a "therapeutically effective amount" of a compound of the invention is meant a sufficient amount of the compound to treat (e.g. to ameliorate the symptoms of, delay progression of, prevent recurrence of, cure, etc.) cancer, particularly breast cancer, at a reasonable benefit/risk ratio, which involves a balancing of the efficacy and toxicity of the compound. In general, therapeutic efficacy and toxicity may be determined by standard pharmacological procedures in cell cultures or with experimental animals, e.g., by calculating the ED_{50} (the dose that is therapeutically effective in 50% of the treated subjects) and the LD_{50} (the dose that is lethal to 50% of treated subjects). The ED_{50}/LD_{50} represents the therapeutic index

of the compound. Although in general drugs having a large therapeutic index are preferred, as is well known in the art, a smaller therapeutic index may be acceptable in the case of a serious disease, particularly in the absence of alternative therapeutic options. Ultimate selection of an appropriate range of doses for administration to humans is determined in the course of clinical trials.

It will be understood that the total daily usage of the compounds and compositions of the present invention for any given patient will be decided by the attending physician within the scope of sound medical judgment. The specific therapeutically effective dose level for any particular patient will depend upon a variety of factors including the disorder being treated and the severity of the disorder; the activity of the specific compound employed; the specific composition employed; the age, body weight, general health, sex and diet of the patient; the time of administration, route of administration, and rate of excretion of the specific compound employed; the duration of the treatment; drugs used in combination or coincidental with the specific compound employed; and like factors well known in the medical arts.

The total daily dose of the compounds of this invention administered to a human or other mammal in single or in divided doses can be in amounts, for example, from 0.01 to 50 mg/kg body weight or more usually from 0.1 to 25 mg/kg body weight. Single dose compositions may contain such amounts or submultiples thereof to make up the daily dose. In general, treatment regimens according to the present invention comprise administration to a patient in need of such treatment from about 0.1 μg to about 2000 mg of the compound(s) of the invention per day in single or multiple doses.

EXAMPLES

Note: A numbered list of references appears following the Examples, all of which are incorporated herein by reference.

Example 1

Preparation of Microarrays Containing 8498 Human cDNAs

The human cDNA clones used in this study were obtained from Research Genetics (Huntsville AB, USA) as bacterial colonies in 96-well microtiter plates. The clones were chosen from a set of 15,000 cDNA clones that corresponded to the Research Genetics Human Gene Filters sets GF200-202 (http://www.resgen.com/). These clones form part of a set of clones assembled by the I.M.A.G.E. consortium (Lennon, G.G., Auffray, C., Polymeropoulos, M., Soares, M.B. The I.M.A.G.E. Consortium: An Integrated Molecular Analysis of Genomes and their Expression. Genomics 33:151-152,1996) and are identified by I.M.A.G.E. clone ID numbers. All clones printed on these arrays were sequence validated as part of a product offered at Research Genetics, Inc. We estimate that greater than 97% of the clones on the array are correctly identified.

A detailed protocol for the production of the cDNA microarrays used in this study is available at http://cmgm.stanford.edu/pbrown/protocols.html and is reproduced below with insubstantial changes. As described below, the protocol includes steps of (1) cleaning the glass slides onto which the DNAs (e.g., products of PCR reactions) are to be spotted; (2) spotting the DNAs onto the glass slides with an arrayer; (3) Post processing to prepare arrays containing spotted DNAs for hybridization. All procedures are done at room temperature and with double distilled water unless otherwise stated. Unless otherwise stated, in this Example and the following Examples, reagents are prepared according to protocols available in Maniatis, T., Sambrook, J. and Fritsch, E., *Molecular Cloning: A Laboratory Manual* (3 Volume Set), Cold Spring Harbor Laboratory Press, Cold Spring Harbor, 1989.

Cleaning Slides

Use 30 slide racks in 350mL glass dishes

1. Dissolve 50g of NaOH pellets into 150ml ddH2O

2. Add 200ml of 95% EtOH, stir until completely mixed

3. If solution remains cloudy, add ddH2O until clear

4. Pour solution into glass slide box.

5. Drop in 30 slides in a metal rack. (Gold Seal slides, Cat. 3010)

6. Let soak on an orbital shaker for at least two hours

7. Rinse slides by transferring rack to slide dish filled with ddH2O

8. Repeat ddH2O rinses x3. It's important to remove all traces of the NaOH-ethanol.

9. Prepare Poly-l-lysine solution: Use Sigma Poly-l-lysine solution. Cat. No. 8920

10. Add 70mL poly-l-lysine to 280ml of water

11. Transfer slides to poly-l-lysine solution and let soak for 1 hour.

12. Remove excess liquid from slides by spinning the rack of slides on microtiter plate carriers at 500rpm.

13. Dry slides at 40 degrees C for 5 minutes in a vacuum oven.

14. Store slides in a closed box for at least two weeks prior to use.

15. Before printing arrays, check a sample slide to make sure it's hydrophobic (water should bead off it) but the lysine coating is not turning opaque.

Arraying

1. Transfer PCR reactions to 96-well V-bottom tissue culture plates (Costar). Add 1/10 vol. 3M sodium acetate (pH 5.2) and equal volume isopropanol. Store at -20 C for a few hours.

2. Centrifuge in Sorvall at 3500 RPM for 45 min. Rinse with 70% EtOH, centrifuge again and dry.

2. Resuspend DNA in 12ul 3X SSC for a few hours and transfer to flexible U-bottom printing plates.

4. Spot DNA onto poly-l-lysine slides with an arrayer.

Post processing

1. Rehydrate arrays by suspending slides over a dish of warm ddH2O. (~1 minute)

2. Snap-dry each array (DNA side up) on a 100C hot plate for 3 seconds.

3. UV cross-link DNA to the glass by using a Stratalinker set for 60 milliJoules

4. Dissolve 5g of succinic anhydride (Aldrich) in 315mL of n-methyl-pyrrolidinone.

5. To this, add 35mL of 0.2M NaBorate pH 8.0 (made by dissolving boric acid in water and adjusting the pH with NaOH), and stir until dissolved.

6. Soak arrays in this solution for 15 minutes with shaking.

7. Transfer arrays to 95C water bath for 2 minutes

8. Quickly transfer arrays to 95% EtOH for 1 minute.

9. Remove excess liquid from slides by spinning the rack of slides on microtiter plate carriers at 500rpm.

10. Arrays can be used immediately.

Reagent Suppliers

Microscope slides Goldseal brand. (Cat. 3010)
Poly-l-lysine solution Sigma product number P8920
Succinic Anhydride Aldrich product number 23,969-0
N-Methyl-Pyrrolidinone Aldrich product number 32,863-4

Microarrays were prepared according to the above protocol using the 8498 cDNA clones described above. All microarrays used in the experiments described herein were from a single print run batch of microarrays.

Example 2

Cell Lines, Breast Tissue, and Breast Tumor Samples for Microarray Analysis and Preparation of mRNA Samples

Common Reference Sample

Each of the 84 experimental samples tested here was analyzed by a comparative hybridization, using a common reference RNA pool as a standard; this reference sample was composed of equal mixtures of mRNA isolated from 11 established cell lines derived from human tissue (MCF7, Hs578T, OVCAR3, HepG2, NTERA2, MOLT4, RPMI-8226, NB4+ATRA, UACC-62, SW872, and Colo205: also see Table 3 for more details). The 11 cell lines were all grown to 70-90% confluence in RPMI medium, containing 10% Fetal Calf Serum and Penicillin/Streptomycin. The cells were harvested either by scraping or centrifugation, quickly resuspended in RNA lysis buffer and mRNA prepared using the FastTrack™ 2.0 mRNA Isolation Kit (Invitrogen, Carlsbad, CA) according to the manufacturer's instructions. In each case, multiple individual mRNA preparations were collected for each cell line, which were then pooled together and analyzed via Northern analysis before final mixing to ensure the quality of the input mRNAs (e.g., to confirm that the mRNA exhibited a size distribution indicating that it was substantially nondegraded). The 11 mRNA samples were then mixed together in equal amounts, aliquoted in 10mM Tris (7.4), and stored at -80 C until use (2 micrograms of common reference sample was used per microarray hybridization and was always labeled using Cy3).

Normal Breast Tissue

Three samples of normal breast tissue were analyzed. Two of the samples were obtained from Clontech (Palo Alto, CA) and were pools of six (Normal1) or two (Normal2) whole normal breasts. The third sample (Normal3) was obtained from a single individual.

Breast Tumor Samples

The 40 individual breast tumor samples were collected at either Stanford University in Stanford CA, USA, or in the Haukeland University Hospital in Bergen, Norway. Twenty of the forty breast tumors were sampled twice as part of a larger Norwegian study on locally advanced breast cancers (T3/T4 and/or N2 tumors) and have been described previously (Aas, T., et al., *Nat. Med.*, 2, 811-814, 1996, the

contents of which are incorporated herein by reference) ; these patients underwent an open surgical biopsy before treatment with doxorubicin monotherapy (range 12-23 weeks), followed by the definitive surgical resection of the remaining tumor after therapy, and were evaluated for clinical responses according to UICC criteria (Hayward, J., et al., *Br. J. Cancer*, 35, 292-298, 1977). In addition to the 20 pairs, there were 8 additional "before" specimens from Norway and 10 tumor specimens from Stanford (all Stanford tumors tested had a diameter of 3 cm or larger). Finally, 2 of the 10 Stanford tumor specimens assayed were also paired with a lymph node metastasis from the same patient.

mRNA Isolation from Breast Tumor and Tissue Samples

Following their excision, breast tumor samples were rapidly frozen in liquid N2 and then stored at -80 C until use. mRNA was isolated from breast tumors and normal breast tissue using the Trizol Reagent (Gibco-BRL) and Invitrogen FastTrack 2.0 Kit (all Stanford samples, and see http://genome-www.stanford.edu/sbcmp/web.shtml for the detailed protocol) or using the Trizol Reagent followed by Dynal bead separation for the mRNA purification step (all Norway tissue samples). Briefly, frozen tumor samples were cut into small pieces and immediately placed into 12 ml of Trizol Reagent. Each tumor sample in Trizol was homogenized using a PowerGen 125 Tissue Homogenizer (Fisher Scientific), and total RNA was isolated according to the Trizol reagent manufacturer's protocol. Tumor mRNA was isolated according to the manufacturer's protocols using the FastTrack 2.0 Kit (Invitrogen) or Dynal beads.

Example 3

Characterization of Breast Tissue and Tumor Samples

For all but two of the tumor specimens (i.e. New York 1 and New York 2), the mutational status of the *TP53* gene was determined using published methods (Aas, T., *et al.*).

A single pathologist (applicant Matt van de Rijn) reviewed hematoxylin and eosin (H&E) sections of each tumor, including all before and after pairs, and made a

histological evaluation of each while blinded to the source. Tumors were graded using a modified version of the Bloom-Richardson method (Robbins, P., et al., *Hum Pathol*, 26, 873-879, 1995). These data are displayed in Table 4. Representative H&E sections of each tumor are posted on Applicants' website at http://genome-www.stanford.edu/molecularportraits/.

Immunohistochemistry was performed as described previously (Perou, C., *et al.*, 1999; Bindl, J. and Warnke, R., *Am J Clin Pathol*, 85, 490-493, 1986, and Natkunam, Y., *et al.*, Am. J. Path., 156(1), 2000). The antibodies used included the commercially available monoclonal antibodies CAM5.2 (specific for keratins 8/18, available from Becton Dickinson), anti-keratin 5/6 (available originally from Boehringer Mannheim, Indianapolis, IN, cat. no. 1273396 and now from Chemicon International, Temekula, CA), anti-keratin 17 (clone E3, available from Dako, Carpinteria, CA, cat. no. M7046), anti-CD3 (available from Dako), and anti-immunoglobulin light chain (A191, A193, available from Dako). These immunohistochemical methods were applied for all the immunohistochemical studies described in the present application unless otherwise stated. Results are presented in Figure 3 and are described in further examples as appropriate.

Example 4

cDNA Synthesis and Labeling and Microarray Hybridization

mRNA was isolated from breast tissue, breast tumor samples, and cell lines as described in Example 2. Fluorescently labeled cDNA was synthesized from the mRNA using a reverse transcriptase reaction that included dUTP labeled with either Cy3 or Cy5. For each hybridization experiment differentially labeled cDNA samples (an experimental sample and a reference sample) were pooled and hybridized to a cDNA microarray, which was then scanned as described in Example 4. The protocol below provides details of the steps performed for cDNA synthesis and labeling and for microarray hybridization.

1. To set up for the reverse transcriptase (RT) reaction, combine the following (e.g., in an Eppendorf tube):

(a) Anchored Oligo dT primer - 2 microliters at 2.5 micrograms/microliter or control - 2 microliters.

(b) mRNA - (whatever volume is needed to reach 1.5-2 micrograms)

(c) DEPC/H2O - add sufficient volume so that final volume is 16 microliters

2. Heat at 70° C for 10 minutes

3. Chill on ice for 1-2 minutes

4. Add the following RT reaction components to each individual tube:

(a) 5X RT Buffer - 6 microliters

(b) 50X dNTPs - 0.7 microliters - (500mm A,C,G, 200mm T)

(c) Cy Dyes dUTP - 3 microliters - (either Cy3 or Cy5)

(d) DTT Stock - 3 microliters - (comes with RT setup)

(e) Superscript II RT--1.7 microliters - (cat# 18064-014 Gibco-BRL)

5. Mix well

6. Incubate at 42° C for 1 hour

7. Add another 1 microliter of Superscript II RT and mix

8. Incubate at 42° C for 1 more hour

9. Degrade mRNA with 1.5 microliters of 1M NaOH / 2mM EDTA

10. Incubate at 65° C for 8 minutes (do NOT go TOO long here)

11. Add 15 microliters of 0.1M HCL

12. Add 450 microliters of TE (pH 7.4) to each sample and place each sample into a microcon-30 filter.

13. Add 15 microliters of Human COT1 DNA (Gibco-BRL = 1 microgram/microliter) to each sample in the microcon filter.

14. Spin in Eppendorf centrifuge until volume equals about 50 microliters (8-10')

15. Remove flowthroughs, and pool Cy3 and Cy5 flowthroughs together for future recovery of Cy dyes (store at –20 ° C).

16. Invert microcons, recover labeled samples, and pool Cy3 and Cy5 samples together that will be used for an individual experiment, in a single microcon filter that was used in step 15.

17. Add 500 microliters of T.E again, and spin until final volume equals 8 microliters or less (BE VERY CAREFUL TO NOT SPIN THE SAMPLE DRY!!!)

18. To the 8 microliter combined Cy3 + Cy5 sample, add the following:

(a) Yeast tRNA - 1 microliter - (10 micrograms/microliter)

(b) PolyA DNA - 2 microliters - (10 micrograms/microliter)

(c) 20XSSC - 2 microliters - (FINAL SSC concentration approximately 3X)

(d) 10% SDS - 0.3 microliters

FINAL VOLUME = 13.3 MICROLITERS

19. Mix well.

20. Heat sample at 100° C for 2 minutes, spin very briefly.

21. Place samples at 42° C for 20-30 minutes.

22. During Step 21, prepare the necessary number of hybridization chambers (Custom made by Die-Tech, San Jose, CA (see "Drawings for custom parts at http://cmgm.stanford.edu/pbrown/mguide/HybChamber.pdf") or purchased at Corning Costar, Acton, MA (CTM™ Hybridization Chamber, #2551), get 22mm X 22mm coverslips ready, and get arrays ready.

23. Add the 13 microliters of probe (i.e., labeled cDNA mixture) onto the center of the array while NOT actually touching the array face with the pipette tip.

24. Quickly and gently place the 22mm X 22mm glass#1 coverslip onto the array face.

25. Add about 15-20 microliters of 3XSSC in two drops onto the end of the array slide away from the actual array for hydration purposes.

26. Assemble the hybridization chamber with the array slide in it, and place into a 65 C water bath overnight.

27. Pull out the hybridization chamber and dry off the excess H_2O.

28. Disassemble the hybridization chamber, and quickly place the slides into a slide washing chamber that contains 2XSSC/0.05%SDS. Jiggle the slide holder up and down until the slide coverslip falls off. Repeat this individually for each array, one at a time, until all are done

29. Wash slides in 1XSSC for 3-5 minutes.

30. Wash slides in 50 C 0.2XSSC for 3-5 minutes, twice.

31. Spin slides down in centrifuge at 200 RPM for 2 minutes.

32.SCAN immediately.

Example 5

Collection, Processing, and Analysis of Data from Microarray Hybridizations

The cDNA microarrays were scanned with either a General Scanning (Watertown, MA) ScanArray 3000 at 20 microns resolution, or with a prototype Axon Instruments (Foster City, CA) GenePix Scanner at 10 micron resolution. The output files, which were TIFF images, were then analyzed using the program ScanAlyze (M. Eisen; available at http://www.microarrays.org/software). Fluorescent ratios and quantitative data on spot quality (see ScanAlyze manual) were stored in a prototype of the AMAD database (M. Eisen; available at http://www.microarrays.org/software). Areas of the array with obvious blemishes were manually flagged and excluded from subsequent analyses. The primary data tables can be downloaded at http://genome-www.stanford.edu/molecularportraits/, in text/tab delimited format after obtaining a password.

Data were extracted from the database in a single table, with each row representing an array element, each column a hybridization, and each cell the observed fluorescent ratio for the array element in the appropriate hybridization. Previously flagged spots were excluded, as were spots that did not pass quality control. This table had 9216 rows and 84 columns. Array elements were removed if they were not well measured in at least 80% of the hybridizations. The data table was split into tumors and cell lines, and the two subtables were separately median polished (the rows and columns were iteratively adjusted to have median 0) before being rejoined into a single table. Genes whose expression varied by at least 4-fold from the median in this sample set in at least three of the samples tested were selected for the analyses described in the Detailed Description and in Examples 6 and 7 (1753 genes satisfied these conditions).

Average-linkage hierarchical clustering, as implemented in the program Cluster (M. Eisen; http://www.microarrays.org/software), was applied separately to

both the genes and arrays. The results were analyzed, and images generated, using TreeView (M. Eisen; http://www.microarrays.org/software).

Example 6

Molecular Portraits of Tumors Based on Variation in Expression of 1753 Genes

Methods

A hierarchical clustering method (Eisen, 1998) was used to group 1753 differentially expressed genes (i.e., those genes whose expression varied by at least 4-fold from the median in the sample set in at least three of the samples tested) based on similarity in the pattern with which their expression varied over all samples. The same clustering method was used to group the experimental samples (tissues and cell lines separately) based on the similarity in their patterns of expression. The data are conveniently presented in a matrix format, with each row representing a single gene, and each column representing an experimental sample. The ratio of the abundance of transcripts of each gene, in each sample, to the median abundance of the gene's transcript among all the cell lines (left panel) or to its median abundance across all the clinical samples (right panel) is represented by the color of the corresponding cell in the matrix. Green squares represent transcript levels below the median; black squares represent transcript levels equal to the median; red squares represent transcript levels greater than the median; gray squares indicate technically inadequate or missing data. The color saturation reflects the magnitude of the ratio relative to the median for each set of samples (see scale at bottom left). In all images the brightest red color represents transcript levels at least 16-fold greater than the median, and the brightest green color represents transcript levels at least 16-fold below the median.

Results

(i) Molecular Portraits of Tumors

Three striking general features of the tumors' gene expression patterns are evident in Appendices A and D. First, the breast tumors show remarkable variation in their patterns of gene expression. Second, this variation is multidimensional, that is, many different sets of genes show largely independent patterns of variation. Third,

the patterns of gene expression have a pervasive order reflecting relationships among the genes, relationships among the tumors, and connections between specific genes and specific tumors.

The hierarchical clustering algorithm organized the experimental samples based only on overall similarity in their gene expression patterns; relationships among the experimental samples are summarized in a dendrogram , in which the pattern and length of the branches reflect the relatedness of the samples (Eisen, M., *et al.*, 1998). Fifteen of the 20 pairs of samples taken from the same tumor before and after doxorubicin chemotherapy (red dendrogram branches), and both pairs of samples taken from a primary tumor and an associated lymph node metastasis (blue branches) were clustered together on adjacent terminal branches in the dendrogram. The three clustered normal breast samples are highlighted in green. The branches representing the four breast luminal epithelial cell lines are displayed in pink; breast basal epithelial cell lines are displayed in orange, the endothelial cell lines in blue, the mesynchemal-like cell lines in dark green, and the lymphocyte-derived cell lines in dark red.

Application of the clustering method to the samples and genes identified the two members of each primary tumor/metastasis pair as being closely related to one another based on similarity in gene expression. Thus this method can provide information useful in determining whether a tumor sample obtained from a second tumor is a metastasis originating from a first tumor or is an independent primary tumor. In addition, despite the potential confounding effects of an interval of 16 weeks, independent surgical procedures and cytotoxic chemotherapy, the independent samples taken from the same tumor before and after chemotherapy were in most cases recognizably more similar to each other in their overall pattern of gene expression than either was to any of the other samples.

Closer examination of the five before and after pairs that were not matched by the clustering algorithm provided further insight. In three instances, the after chemotherapy specimens (i.e. Norway 47, 61, and 101) were clustered into a branch of the dendrogram that contained the three normal breast samples along with five additional tumor samples; we know from the clinical data that these three tumors were all classified as doxorubicin responders (Table 5 and Aas, T., *et al.*). Thus, in most

cases, independent tumor biopsies from the same individual could be recognized as such solely on the basis of gene expression patterns. This implies that the patterns of gene expression are homogeneous and stable in each breast tumor, and yet, sufficiently diverse between tumors, so that they can be viewed as molecular portraits of each tumor.

(ii) Specific Properties of the Tumors

The molecular portraits revealed in the patterns of gene expression not only uncovered similarities and differences among the tumors but, in many cases, pointed to a biological interpretation. As discussed below, variation in growth rate, in the activity of specific signaling pathways, and in the cellular composition of the tumors were all reflected in corresponding variations in the expression of specific subsets of genes.

Growth and Proliferation. The largest distinct subset of genes among the 1753 genes was the proliferation subset, which is a group of approximately 120 genes whose level of expression correlates with cellular proliferation rates (See Perou, C., *et al.*, 1999; Ross, D., *et al.*, *Nature Genetics*, 24(3): 227-35, 2000.). Expression of this subset of genes varied widely among the tumor samples, and was generally well correlated with a standard pathological index of tumor cell proliferation, namely the mitotic index. The mitotic grade of each tumor, as determined by evaluating mitotic index, is displayed in a color-coded format below the tumor name, with green indicating mitotic grade 1, black indicating mitotic grade 2, red indicating mitotic grade 3, and gray indicating that mitotic grade was not evaluated. The growth and proliferation cluster also included the genes encoding two widely used immunohistochemical markers of cell proliferation (*Ki-67* and *PCNA*, names in blue/purple letters).

Diverse proliferation-related functions are represented in the genes comprising this subset, including macromolecular synthesis, cell-cycle regulation, mitosis and cytokinesis. Many genes in which alterations in sequence or expression that are associated with tumorigenesis were also found in this gene subset, in particular, numerous genes implicated in chromosomal instability and/or anueploidy (names in

pink letters)[22]. These genes included the spindle checkpoint gene *hBUB1*[23], the human *MAD2* homologue[24], the *STK15/IPL1* kinase[25], and the *PLK1/HSTPK13* kinase[26].

The importance of this clustered set of genes in cancer biology is further highlighted by its inclusion of genes encoding the molecular targets of widely used anticancer agents (names in orange letters), including both subunits of ribonucleotide reductase, topoisomerase II alpha, and dihydrofolate reductase. The many uncharacterized genes in this subset, therefore, are candidates for important roles in the regulation and execution of the cell's program for growth and proliferation, and potential targets for oncogenic mutations or antiproliferative drugs. Thus the clustering method, by generating a set of genes known to be involved in proliferation and/or known to be targets for antiproliferative drugs and further identifying a set of unknown genes whose expression patterns cause them to fall within the subset, identifies potential targets for the development of new chemotherapeutic agents.

Variation in signaling pathways. Several groups of co-expressed genes provided views of the activities of specific signaling and/or regulatory systems.
(a) Interferon signaling: A large subset of genes known to be regulated by the interferon pathway (including *STAT1*) showed substantial variation in expression among the tumors.
(b) Estrogen receptor: Variation in expression of the estrogen receptor alpha gene (*ESR1*) correlated well with the direct clinical measurement of the estrogen receptor protein levels in the tumors (Table 5, concordance in 36/38 tumors tested), and paralleled variation in the expression of a larger group of genes that included three other transcription factors (GATA-binding protein 3, X-box binding protein 1 and hepatocyte nuclear factor 3 alpha (see also references 27 and 28). In a specific subset of the estrogen receptor positive tumors, the *BCL2* gene and two previously known estrogen regulated genes (*LIV1* and trefoil factor 1[29]) were also highly expressed (See Appendices C and D). The regulatory program reflected in the expression of this *ESR1*-containing subset of genes may play an important role in the clinical course of a breast tumor, as the loss of expression of the estrogen receptor is known to be associated with a poor prognosis[17], while high levels of expression of both *BCL2* and *ESR1* are associated with a more favorable prognosis[30,31].

(c) Erb-B2: *HER2/neu*, also known as the *Erb-B2* oncogene, is a gene whose aberrant expression is thought to contribute to tumorigenesis in the breast[16]. The *Erb-B2* receptor-tyrosine kinase is known to be overexpressed in 20-30% of all breast tumors, usually associated with DNA amplification of the chromosomal locus (17q12-q22) that contains the *ERB-B2* gene[32,33]. Interestingly, most of the other genes contained within the *Erb-B2* cluster

were also located in this same small region of Chromosome 17. These expression data suggested, and the results of microarray comparative genomic hybridization confirmed, that these other closely linked genes were also amplified on the genomic DNA level and, consequently, overexpressed on the mRNA level in tumors with an amplified *Erb-B2* gene[33-35].

(d) Fos/Jun Signaling: A subset of genes that included *c-Fos*, *JunB*, and other genes involved in the "immediate-early" response to serum, co-varied in expression among the tumor specimens; these genes were most highly expressed in the three normal breast samples. Applicants have found that this set of genes is characteristically induced by prolonged handling of the samples following surgical resection. The observed variation in the expression of this set of genes may therefore reflect variation in post surgical handling rather than true *in vivo* differences.

Example 7

Identification of Cell Type Specific Components Within Tumors Based on Variation in Expression of 1753 Genes

Methods and Rationale

Clustering was performed as described in the previous Example. The resulting dendrogram and matrix were used to identify gene expression patterns indicative of the presence of certain cell types within the samples. Human breast tumors are histologically complex tissues, containing a variety of cell types in addition to the carcinoma cells[18]. In analyzing the gene expression patterns in tumors and tissues, two lines of reasoning were used to infer the lineage of the cells that accounted for apparently cell-type specific expression of particular clustered groups of genes. First, such gene subsets usually included genes whose expression patterns have been well

characterized by previous workers, and have consistently pointed to a specific cell type. Second, these inferences were often corroborated by observing comparable expression of the same group of genes in one or more of the cultured cell lines (reference 21). Some of the prominent patterns of gene expression that appear, on this basis, to indicate the variable abundance of particular cell types in these tissue samples are summarized below.

Immunohistochemistry was performed as described in Example 3.

Results

At least eight subsets of genes appeared to reflect variation in specific cell types present within the tumors. The notion that developmental lineage has a pervasive influence on gene expression patterns is highlighted by the clustering pattern of the cultured cell lines. For example, the three lymphocyte cell lines comprise one branch, the two endothelial cell lines constitute another and the mesenchymal cell lines form a third. Cell lines derived from two distinct types of breast epithelial cells (basal and luminal) also formed distinct dendrogram branches. Some of the prominent patterns of gene expression that appear to indicate the variable abundance of particular cell types within a tumor sample are summarized in the remainder of this Example.

(a) Endothelial cells: A subset of genes characteristically expressed by endothelial cells, including CD34, CD31 and von Willebrand Factor[36,37] were also strongly expressed in the two endothelial cell lines HUVEC and HMVEC. Variation among the tumor samples in the abundance of transcripts from this subset of genes may therefore reflect variation in the vascularity or angiogenic activity within the tumors.

(b) Stromal cells: A previously characterized subset of genes that included multiple isoforms of collagen and other genes encoding extracellular matrix components, many of which are characteristically expressed by mesenchymal cells, showed significant variation in expression among the tumor samples[8,21].

(c) Adipose-Enriched/Normal Breast: A subset of genes that included fatty acid binding protein 4 and PPARγ may represent the presence of adipose cells in the tumor samples[38,39]. This subset of genes was most highly expressed in the three normal breast

samples. As we have no cell line guide for this cluster, the exact nature of the cell type underlying expression of these genes cannot be unequivocally determined.

(d) B-lymphocytes: Variation in expression of a subset of genes that were highly expressed in RPMI-8226 (a multiple myeloma-derived cell line), including many immunoglobulin genes, appears to represent variable B-cell infiltration of the tumors. This interpretation was corroborated by immunohistochemistry)[8,21].

(e) T-lymphocytes: One subset of co-expressed genes included CD3, and two subunits of the T-cell receptor. Most of the genes in this subset were expressed at their highest levels in the T-cell leukemia derived cell line, MOLT-4. Variation in expression of this subset of genes was therefore interpreted as representing variation in T-lymphocyte populations in the tumors. Immunohistochemical staining of tumor samples, using anti-CD3 antibodies, confirmed that tumors with the highest levels of expression of this subset of genes contained numerous CD3-positive lymphocytes (Figure 3b).

(f) Macrophages: A subset of genes that appeared to be markers of macrophage/monocyte populations included CD68, acid phosphatase 5, chitinase, and lysozyme. Interestingly, the transcripts for these genes were the most abundant in the three after chemotherapy tumor samples that clustered apart from their before counterparts (i.e. Norway 47, 61, and 101). These three tumors, all of which had responded to the chemotherapy, were thus notable not only for an overall gene expression pattern resembling that of normal breast tissue, but also, for a particularly large population of macrophages, perhaps representing a secondary response to tumor necrosis.

(g) Basal and Luminal Epithelial Cells of the Mammary Duct, and Their Malignant Counterparts: Two distinct kinds of epithelial cells are found in the adult human mammary gland, basal (and/or myoepithelial cells) and luminal epithelial cells[18,40]. These two cell types are conveniently distinguished immunohistochemically; basal epithelial cells can be stained with antibodies to keratin 5/6 (Figure 3c), while luminal epithelial cells stain with antibodies against keratins 8/18 (Figure 3c). Many genes were expressed by one of these two cell lines, but not by the other. The gene expression subsets characteristic of basal epithelial cells included several genes that have previously been shown to play important roles in this cell type, e.g., keratin 5,

keratin 17, integrin-□4 and laminin[18]. The gene expression subset characteristic of luminal cells was anchored by the previously noted subset of transcription factors that included the estrogen receptor gene.

Example 8

Classification of Breast Tumors Using an Optimized Set of Genes Showing Differential Expression Between Tumors

Methods and Rationale

As described in Examples 6 and 7, analysis of genes that are differentially expressed in breast tumor samples provides an indication of the relatedness of the samples and allows identification of samples taken from the same tumor or members of a tumor/metastasis pair. Such analysis further provides insight into specific tumor properties such as variation in growth rate, activity of specific signaling pathways, and the cellular composition of the tumors. The subset of genes analyzed in Examples 6 and 7 was selected solely based upon the fact that genes in the subset were differentially expressed among the experimental samples. Recognizing that the choice of genes whose expression levels provide the basis for the ordering of the tumor samples determines which phenotypic relationships among the tumors are reflected in the clustering patterns, applicants devised methods for selecting subsets of genes optimized to reflect phenotypic relationships among the tumors.

(i) Selection of an intrinsic gene subset

The rationale behind the first optimized gene subset was Applicants' recognition that specific features of a gene expression pattern that are to be used as the basis for classifying tumors should typifythat tumor; that is, these features should be similar in any sample taken from the same tumor, and they should vary among different tumors. The 22 pairs of independent samples taken from 22 different tumors provided an opportunity for the selection of genes that fulfill these criteria. To select a set of genes whose variation in expression optimally represented differences between tumors rather than just differences between tumor samples, a "within-

between" score was assigned to each gene equal to the mean effect of the gene on the pairwise correlation coefficients of the 22 matched tumor pairs less the mean effect of the gene on the remaining 210 tumor-tumor pairwise correlation coefficients. The "effect" of a gene on a pairwise correlation was defined as the difference in the correlation coefficient with and without data for the gene included. Higher "within-between" scores indicated that the gene had a good tendency to group together paired samples.

The 496 genes with a score one standard deviation above the mean score were selected and defined as the "intrinsic" gene subset. To confirm the existence of an "intrinsic" set of genes and to verify that the "within-between" score identified these genes, the predictive quality of the score was examined using a type of "leave-one-out" cross-validation analysis. The entire analysis was repeated 22 times, each with one of the 22 matched pairs completely removed from the analysis. If an "intrinsic" set of genes existed, and if the "within-between" score successfully identified these genes, it was expected that the genes with high scores in each reduced dataset would produce relatively high correlations in the excluded pair. When the genes were sorted based on their "within-between" score in each reduced dataset, the correlation coefficient of the excluded matched pair in sliding windows of 250 genes increased progressively with increasing "within-between" score for nearly all of the matched pairs, while no such increase was found when randomly matched pairs were used.

The clustering method was used as described above to cluster the experimental samples based on the gene expression patterns of the 496 genes included in the "intrinsic" gene subset.

(ii) Selection of an "epithelial-enriched" gene subset

A second optimized gene subset (called the "epithelial-enriched" gene subset) was selected consisting of 374 genes that Applicants considered likely to be expressed primarily by normal or malignant breast epithelial cells. The rationale for this gene subset is that each of the tumors was ultimately caused by alterations in breast epithelial cells. The seven individual subsets of genes that were chosen to form the "epithelial-enriched" gene subset were selected from the 1753 gene cluster diagram.

The actual groups of genes chosen are listed in Table 7. These seven subsets of genes included:

1) A subset that was very highly expressed in the cultured basal cell lines, along with some of the other breast derived cell lines including Hs578T and BT-549;

2) A subset that was expressed in all of the cultured epithelial cell lines (both basal and luminal);

3) A subset of genes centered around the high level of expression of *Erb-B2*;

4) A subset of genes that contained genes known to be important for tumor biology (e.g., the urokinase receptor);

5) A subset that contained genes that were most highly expressed in the basal-like tumors;

6) A subset of genes highly expressed in some of the luminal-like tumors;

7) A subset of genes that was primarily expressed in the four breast carcinoma derived cell lines and/or in many of the luminal-like tumors.

The clustering method was used as described above to cluster the experimental samples based on the gene expression patterns of the 374 genes included in the "epithelial-enriched" gene set.

To confirm the results of the clustering analysis described below, a "weighted voting"method was applied to the data as described in Golub, T.R., *et al.*, *Science*, 286, 531-537, 1999.

Results

The 496 genes included in the "intrinsic" gene set are identified in Table 6. Two large branches were apparent in the tumor dendrogram that resulted from analysis based on this gene set, and within each of these two branches, smaller branches were identified for which common biological themes could be inferred. The branches are colored accordingly (basal-like = ORANGE, *Erb-B2* positive = PINK, normal breast-like = GREEN, and luminal epithelial-like = BLUE). Seventeen of the 20 before and after doxorubicin pairs (indicated with suffixes BE and AF following the numerical identifier for each tumor) were matched together on terminal dendrogram branches (red branches), as were both of the tumor/lymph node

metastasis pairs (blue branches). The small black bars beneath the dendrogram identify the 17 pairs that were correctly matched by this hierarchical clustering, while the larger green bars identify the positions of the three pairs that were not matched by the clustering. It is noted that the after-chemotherapy sample in each of these three sample pairs was clustered in a branch with normal breast tissue samples. Thus as for the 1753 gene set described in Examples 6 and 7, the intrinsic gene subset correctly identified independent tumor samples from the same tumor as related to each other: Despite the potential confounding effects of an interval of 16 weeks, independent surgical procedures and cytotoxic chemotherapy, the independent samples taken from the same tumor were in most cases recognizably more similar to each other in their overall pattern of gene expression than either was to any of the other samples. In addition, samples taken from a primary tumor and a metastasis from the same tumor could be recognized as closely related to one another. Thus in most cases independent samples from the same tumor were recognizable as such solely on the basis of gene expression patterns. This implies that the patterns of gene expression are homogeneous and stable in each breast tumor and yet sufficiently diverse between tumors so that they can be viewed as molecular portraits of each tumor.

The 374 genes included in the "epithelial-enriched" subset are listed in Table 8. Figure 2 presents a comparison of tumor dendrograms representing the results of hierarchical clustering of experimental samples using the "intrinsic" gene set and the dendrogram obtained by clustering using the "epithelial-enriched" gene set. The dendrograms are colored according to the clustering patterns obtained using the "intrinsic" gene set. Only two tumors (identified by the colored arrows) were placed in significantly different groups when the clustering was based on expression of the "epithelial-enriched" gene set instead of the "intrinsic" gene set.

The overall architecture of the two dendrograms representing the clustering of breast tumor samples using these two alternative gene sets was very similar, with only two tumor pairs (i.e. Norway 14 and 26) materially changing position (Figure 2). Thus, the classifications derived from the "intrinsic" gene set are consistent with the results using the "epithelial-enriched" gene set, even though the two sets shared only 25% of their genes.

A consistent division of the tumor samples into two subgroups was a striking feature of the dendrograms produced by both gene sets. Application of the "weighted voting" method of Golub recapitulated the sorting of the tissue samples between these two subgroups for all but one of the 65 samples, thus confirming the robustness of the division.

Example 9

Identification of Breast Tumor Subgroups Based on Optimized Gene Sets

Several groups of tumors that shared pervasive similarities in their expression patterns could be identified by cluster analysis; the dendrograms in Figure 2 are color-coded to highlight these subgroups. Characteristic features of the expression patterns, or the membership, of each highlighted group also suggested biological interpretations. These data confirm the ability of the clustering method to divide breast tumors into meaningful subgroups when applied using the "intrinsic" and "epithelial-enriched" gene subsets. Specific subgroups are discussed below and are named according to correlations between the genes expressed at high levels in the tumors and genes known to be expressed in particular cell types.

Luminal Epithelial Cell Pattern: As described above, the major distinction was between a large group of tumors (identified by blue letters and dendrogram branches) and a second large group that included all of the other tumor subtypes and the normal breast samples (highlighted in other colors). The tumors in this "blue" group were characterized by relatively high levels of expression of many genes known to be expressed by the luminal epithelial cells of the normal mammary duct, notably including the estrogen and prolactin receptors. This connection was further corroborated using immunohistochemical analysis of breast tumor sections using antibodies against the luminal cell keratins 8/18, which stained the carcinoma cells in tumor specimens in this "blue" branch as shown, for example, in Figure 3f. With one exception, none of the tumors in this group expressed *Erb-B2* at high levels. An estrogen receptor-positive phenotype is known to be associated with a relatively favorable prognosis [30,31], while *Erb-B2* expression is believed to contribute to tumorogenesis.

Normal Breast Tissue Pattern: Several tumors, including two "before and after" pairs and the single fibroadenoma tested (displayed in green), were clustered in a group of samples that contained all three of the normal breast specimens. The "normal breast" gene expression pattern was typified by a relatively high level of expression of genes characteristic of basal epithelial cells and adipose cells, and relatively low levels of expression of genes characteristic of luminal epithelial cells.

Basal Epithelial Cell Pattern: Many of the genes characteristic of basal epithelial cells were highly expressed in a group of six tumors (New York 2 and 3, Stanford 14 and 23, and Norway 41 and 109, indicated in orange in the dendrogram, that were clustered based on pervasive similarities in their gene expression patterns. To corroborate the "basal cell-like" characteristics of these tumors, immunohistochemistry was performed using antibodies against keratins 5/6, 8/18, and 17. All six of these tumors showed staining for either keratins 5/6 and/or 17 (basal cell keratins), and no staining for keratins 8/18 (See Figure 3e.) Notably, these six tumors also failed to express the estrogen receptor and most of the other genes that were usually co-expressed with it. Approximately 90% of breast tumors are suggested to have characteristics of luminal epithelial cells, while the characteristics of the remaining 10% are less well defined[18]. Breast tumors that stain positive for basal cell keratins may account for 3-15% of all breast tumors [41-46].

The incidence among the tumor samples described herein was 15% (6/40). Many of the tumors that stained positive for basal cell keratins only showed staining in a fraction of the tumor cells, and neither basal nor luminal keratins could be detected in any of the other remaining tumor cells (Figure 3e).

Erb-B2 Positive: As mentioned above, overexpression of the *Erb-B2* oncogene was associated with a high level of expression of a specific set of genes, almost all of which map to the *Erb-B2* region of chromosome 17[33]. A clustered group of tumors was identified that was partially characterized by the high level of expression of this subset of genes (Stanford 2 and Norway 47, 53, 57 and 101). These tumors showed low levels of expression of the estrogen receptor[48,49] and almost all of the other genes associated with estrogen receptor expression, a trait they share with the "basal-like" tumors, and which may contribute to the poor prognosis associated with these two

subtypes of breast tumors[41,43,49,50]; in addition, both the basal-like and *Erb-B2* positive tumors also show many *p53* sequence mutations (see Table 5).

Example 10

Producing Antibodies to Basal Marker Polypeptides and Cytokeratin 17

This example describes the generation of polyclonal antibodies that bind to cytokeratin 17 and the generation of polyclonal antibodies that bind to the polypeptides encoded by the three basal marker genes described herein, i.e., cadherin3, matrix metalloproteinase 14, and cadherin EGF LAG seven-pass G-type receptor 2 . The example further describes affinity purification of the antibodies.

Materials

- Anisole (Cat. No. A4405, Sigma)
- 2,2'-azino-di-(3-ethyl-benzthiazoline-sulfonic acid) (ABTS) (Cat. No. A6499, Molecular Probes Eugene, OR)
- Activated Maleimide Keyhole Limpet Cyanin (Cat. No. 77106, Pierce Chemical Co. Rockford, IL)
- Biotin (Cat. No. B2643, Sigma)
- Boric acid (Cat. No. B0252, Sigma)
- Sepharose 4b (Cat. No. 17-0120-01, LKB/Pharmacia, Uppsala, Sweden)
- Bovine Serum Albumin (LP) (Cat. No. 100 350, Boehringer Mannheim, Indianapolis, IN)
- Cyanogen bromide (Cat. No. C6388 Sigma, St. Louis, MO)
- Dialysis tubing Spectra/Por Membrane MWCO: 6-8,000 (Cat. No. 132 665, Spectrum Industries Inc., Laguna Hills, CA)
- Dimethyl formamide (DMF) (Cat. No. 22705-6, Aldrich Chemical Company, Milwaukee, WI)
- DIC (Cat. No. BP 592-500, Fisher)
- Ethanedithiol (Cat. No. 39,802-0, Aldrich Chemicals, Milwaukee, WI)
- Ether (Cat. No. TX 1275-3, EM Sciences)
- Ethylenediaminetetraacetatic acid (EDTA)(Cat No. BP 120-1, Fisher Scientific, Springfield, NJ)

- 1-ethyl-3-(3'dimethylaminopropyl)-carbodiimide, HCL (EDC) (Cat No. 341-006, Calbiochem, San Diego, CA)
- Freund's Adjuvant, complete (Cat. No. M-0638-50B, Lee Laboratories, Grayson, GA)
- Freund's Adjuvant, incomplete (Cat. No. M0639-50B, Lee Laboratories)
- Fritted chromatography columns (Column part No. 12131011; Frit: Part No. 12131029, Varian Sample Preparation Products, Harbor City, CA)
- Gelatin from Bovine Skin (Cat. No. G9382, Sigma)
- Glycine (Cat. No. BP381-5, Fisher)
- Goat anti-rabbit IgG, biotinylated (Cat No. A 0418, Sigma)
- HOBt (Cat. No. 01-62-0008, Calbiochem-Novabiochem)
- Horseradish peroxidase (HRP) (Cat. No. 814 393, Boehringer Mannheim)
- HRP-Streptavidin (Cat. No. S 5512, Sigma)
- Hydrochloric Acid (Cat No. 71445-500, Fisher)
- Hydrogen Peroxide 30% w/w (Cat. No. H1009, Sigma)
- Methanol (Cat. No. A412-20, Fisher)
- Microtiter plates, 96 well (Cat. No. 2595, Corning-Costar Pleasanton, CA)
- N-□-Fmoc protected amino acids available from Calbiochem-Novabiochem, San Diego, CA. See 1997-1998 catalog pages 1-45.
- N-□-Fmoc protected amino acids attached to Wang Resin available from Calbiochem-Novabiochem. See 1997-1998 catalog pages 161-164.
- NMP (Cat. No. CAS 872-50-4, Burdick and Jackson, Muskegon, MI)
- Peptide (Synthesized by Research Genetics, Inc. Details given below)
- Piperidine (Cat. No. 80640, Fluka, available through Sigma)
- Sodium Bicarbonate (Cat. No. BP328-1, Fisher)
- Sodium Borate (Cat. No. B9876, Sigma)
- Sodium Carbonate (Cat. No. BP357-1, Fisher)
- Sodium Chloride (Cat. No. BP 358-10, Fisher)
- Sodium Hydroxide (Cat. No. SS 255-1, Fisher)
- Streptavidin (Cat. No. 1 520, Boehringer Mannheim)
- Thioanisole (Cat. No. T-2765, Sigma)
- Trifluoroacetic acid (Cat. No. TX 1275-3, EM Sciences)

- Tween-20 (Cat. No. BP 337-500, Fisher)
- Wetbox-(Rubbermaid Rectangular Servin' Saver™ Part No. 3862 Wooster, OH)

Solutions

- BBS - Borate Buffered Saline with EDTA dissolved in distilled water (pH 8.2 to 8.4 with HCl or NaOH)
  -25 mM Sodium borate (Borax)
  -100 mM Boric Acid
  -75 mM NaCl
  -5 mM EDTA
- 0.1 N HCl in saline
  -concentrated HCl (8.3 mL/0.917 L distilled water)
  -0.154 M NaCl
- Glycine (pH 2.0 and pH 3.0) dissolved in distilled water and adjusted to the desired pH.
  -0.1 M glycine
  -0.154 M NaCl
- 5X Borate 1X Sodium Chloride dissolved in distilled water.
  -0.11 M NaCl
  -60 mM Sodium Borate
  -250 mM Boric Acid
- Substrate Buffer in distilled water adjusted to pH 4.0 with sodium hydroxide:
  -50 to 100 mM Citric Acid

Peptide Synthesis Solutions

- AA solution: HOBt is dissolved in NMP (8.8 grams HOBt to 1 liter NMP). Fmoc-N-a-amino at a concentration at .53 M.
- DIC solution: 1 part DIC to 3 parts NMP.
- Deprotecting solution: 1 part Piperidine to 3 parts DMF
- Reagent R: 2 parts anisole, 3 parts ethanedithiol, 5 parts thioanisole, 90 parts trifluoroacetic acid.

Equipment

- MRX Plate Reader (Dynatech Inc., Chantilly, VA)
- Hamilton Eclipse (Hamilton Instruments, Reno, NV)
- Beckman TJ-6 Centrifuge, Refrigerated (Model No. TJ-6, Beckman Instruments, Fullerton, CA)
- Chart Recorder (Recorder 1 Part No. 18-1001-40, Pharmacia LKB Biotechnology)
- UV Monitor (Uvicord SII Part No. 18-1004-50, Pharmacia LKB Biotechnology)
- Amicon Stirred Cell Concentrator (Model 8400, Amicon Inc., Beverly, MA)
- 30 kD MW cut-off filter (Cat. No. YM-30 Membranes Cat. No. 13742, Amicon Inc., Beverly, MA)
- Multi-channel Automated Pipettor (Cat. No. 4880, Corning Costar Inc., Cambridge, MA)
- pH Meter Corning 240 (Corning Science Products, Corning Glassworks, Corning, NY)
- ACT396 peptide synthesizer (Advanced ChemTech, Louisville, KY)
- Vacuum dryer (Box is from Labconco, Kansas City, MO; Pump is from Alcatel, Laurel MD).
- Lyophilizer (Unitop 600sl in tandem with Freezemobile 12, both from Virtis, Gardiner, NY)

Methods

Peptides were selected using the program Omiga ™1.1 (Oxford Molecular Group, Inc., 2105 So. Bascom Ave., Suite 200, Campbell, CA 95008) using the Hopp/Woods method, which is described in Hopp TP, Woods KR, *Mol Immunol,* Apr;20(4):483-9 A computer program for predicting protein antigenic determinants, 1983, and Hopp TP and Woods KR, *Proc. Nat. Acad. Sci.* U.S.A. 78, 3824-3828, 1981. Preferred peptide sequences displayed minimal homology with known proteins. Three peptide sequences were selected for each polypeptide. The sequences were as follows:

Peptides for antibodies that bind to cadherin3 (GenBank accession number NP_001784):

RAVFREAEVTLEAGGAEQE (SEQ ID NO:4)
QEPALFSTDNDDFTVRN (SEQ ID NO:5)
QKYEAHVPENAVGHE (SEQ ID NO:6)

Peptides for antibodies that bind to matrix metalloproteinase 14 (GenBank accession number NP_004986):

AYIREGHEKQADIMIFFAE (SEQ ID NO:7)
DEASLEPGYPKHIKELGR (SEQ ID NO:8)
RGSFMGSDEVFTYFYK (SEQ ID NO:9)

Peptides for antibodies that bind to anti-cadherin EGF LAG seven-pass G-type receptor 2 (GenBank accession number NP_001399):

QASSLRLEPGRANDGDWH (SEQ ID NO:10)
ELKGFAERLQRNESGLDSGR (SEQ ID NO:11)
RSGKSQPSYIPFLLREE (SEQ ID NO:12)

Peptides for antibodies that bind to anti-cytokeratin17:

KKEPVTTRQVRTIVEE (SEQ ID NO:13)
QDGKVISSREQVHQTTR (SEQ ID NO:14)
SSSIKGSSGLGGGSS (SEQ ID NO:15)

Synthesis of Peptides

Incubate: Resin was immersed in appropriate solution. All incubation steps occured with mixing.

Wash: Added 2 mls. DMF, incubated 5 minutes and drained.

Wash Cycle: Five washes.

Machine Synthesis

The sequence of the desired peptide was provided to the peptide synthesizer. The C-terminal residue was determined and the appropriate Wang Resin was attached to the reaction vessel. The peptides were synthesized C-terminus to N-terminus by adding one amino acid at a time using a synthesis cycle. Which amino acid is added was controlled by the peptide synthesizer, which looks to sequence of the peptide entered into its database.

Step 1 – Resin Swelling: Added 2 mL DMF, incubated 30 minutes, drained DMF.

Step 2 – Synthesis cycle

2a – Deprotection: 1 mL deprotecting solution was added to the reaction vessel and incubated for 20 minutes.

2b – Wash Cycle

2c – Coupling: 750 mL of amino acid solution and 250 mL of DIC solution were added to the reaction vessel. The reaction vessel was incubated for thirty minutes and washed once. The coupling step was repeated once.

2d – Wash Cycle

Step 2 was repeated over the length of the peptide. The amino acid solution changed as the sequence listed in peptide synthesizer dictated.

Step 3 – Final Deprotection: Steps 2a and 2b were performed one last time.

Resins were deswelled in methanol—rinsed twice in 5 mL methanol, incubated 5 minutes in 5 mL methanol, rinsed in 5 mL methanol—and then vacuum dried.

Peptide was removed from the resin by incubating 2 hours in reagent R and then precipitated into ether. Peptide was washed in ether and then vacuum dried. Peptide was resolubilized in diH20, frozen, and lyophilized overnight.

Conjugation of Peptide with Keyhole Limpet Hemocyanin

Peptide (6 mg) was dissolved in PBS (6 mL) and mixed with 6 mg of maleiimide

activated KLH carrier in 6 mL of PBS for a total volume of 12 mL. The entire solution was mixed for two hours, dialyzed in 1L PBS, and lyophilized.

Immunization of Rabbits

Two New Zealand White Rabbits were injected with 250 μg keyhole limpet hemocyanin (KLH) conjugated peptide in an equal volume of complete Freund's adjuvant and saline in a total volume of 1 mL. Antigens (KLH-Peptide, 100 μg each) in an equal volume of incomplete Freund's Adjuvant and saline were injected into three to four subcutaneous dorsal sites for a total volume of 1 mL two, four, and six weeks after the first immunization. The three peptides were injected together.

The immunization schedule was as follows:

Day 0	Pre-immune bleed, primary immunization
Day 15	1st Boost
Day 27	1st Bleed
Day 44	2nd Boost
Day 57	2nd Bleed and 3rd Boost
Day 69	3rd Bleed
Day 84	4th boost
Day 98	4th bleed

The Collection of Rabbit Serum

The rabbits were bled (30 to 50 mL) from the auricular artery. The blood was allowed to clot at room temperature for 15 minutes and the serum was separated from the clot using an IEC DPR-6000 centrifuge at 5000 x g. Cell-free serum was decanted gently into a clean test tube and stored at -20°C for affinity purification.

Determination of Antibody Titer

All solutions with the exception of wash solution were added by the Hamilton Eclipse, a liquid handling dispenser. The antibody titer was determined in the rabbits using an ELISA assay with peptide on the solid phase. Flexible high binding ELISA

plates were passively coated with peptide diluted in BBS (100 μL, 1 μg/well) and the plate was incubated at 4°C in a wetbox overnight (air-tight container with moistened cotton balls). The plates were emptied and then washed three times with BBS containing 0.1% Tween-20 (BBS-TW) by repeated filling and emptying using a semi-automated plate washer. The plates were blocked by completely filling each well with BBS-TW containing 1% BSA and 0.1% gelatin (BBS-TW-BG) and incubating for 2 hours at room temperature. The plates were emptied and sera of both pre- and post-immune serum were added to wells. The first well contained sera at 1:50 in BBS. The sera were then serially titrated eleven more times across the plate at a ratio of 1:1 for a final (twelfth) dilution of 1:204,800. The plates were incubated overnight at 4°C. The plates were emptied and washed three times as described.

Biotinylated goat anti-rabbit IgG (100 μL) was added to each microtiter plate test well and incubated for four hours at room temperature. The plates were emptied and washed three times. Horseradish peroxidase-conjugated Streptavidin (100 μL diluted 1:10,000 in BBS-TW-BG) was added to each well and incubated for two hours at room temperature. The plates were emptied and washed three times. The ABTS was prepared fresh from stock by combining 10 mL of citrate buffer (0.1 M at pH 4.0), 0.2 mL of the stock solution (15 mg/mL in water) and 10 μL of 30% H_2O_2. The ABTS solution (100μL) was added to each well and incubated at room temperature. The plates were read at 414 λ, 20 minutes following the addition of substrate.

Preparation of the Peptide Affinity Purification Column:

The affinity column was prepared by conjugating 5 mg of peptide to 10 mL of cyanogen bromide-activated Sepharose 4B, and 5 mg of peptide to hydrazine-Sepharose 4B. Briefly, 100 uL of DMF was added to peptide (5 mg) and the mixture was vortexed until the contents were completely wetted. Water was then added (900 μL) and the contents were vortexed until the peptide dissolved. Half of the dissolved peptide (500 μL) was added to separate tubes containing 10 mL of cyanogen-bromide activated sepharose 4B in 0.1 mL of borate buffered saline at pH 8.4 (BBS), and 10 mL of hydrazine-Sepharose 4B in 0.1 M carbonate buffer adjusted to pH 4.5 using excess EDC in citrate buffer pH 6.0. The conjugation reactions were allowed to

proceed overnight at room temperature. The conjugated sepharose was pooled and loaded onto fritted columns, washed with 10 mL of BBS, blocked with 10 mL of 1 M glycine, and washed with 10 mL 0.1 M glycine adjusted to pH 2.5 with HCl and re-neutralized in BBS. The column was washed with enough volume for the optical density at 280λ to reach baseline.

The Affinity Purification of Antibodies

The peptide affinity column was attached to a UV monitor and chart recorder.

The titered rabbit antiserum was thawed and pooled. The serum was diluted with one volume of BBS and allowed to flow through the columns at 10 mL per minute. The non-peptide immunoglobulins and other proteins were washed from the column with excess BBS until the optical density at 280 λ reached baseline. The columns were disconnected and the affinity purified column was eluted using a stepwise pH gradient from pH 7.0 to pH 1.0. The elution was monitored at 280 nM, and fractions containing antibody (pH 3.0 to pH 1.0) were collected directly into excess 0.5 M BBS. Excess buffer (0.5 M BBS) in the collection tubes served to neutralize the antibodies collected in the acidic fractions of the pH gradient.

The entire procedure was repeated with "depleted" serum to ensure maximal recovery of antibodies. The eluted material was concentrated using a stirred cell apparatus and a membrane with a molecular weight cutoff of 30 kD. The concentration of the final preparation was determined using an optical density reading at 280 nM. The concentration was determined using the following formula: mg/mL = OD_{280}/1.4.

Example 11

SDS-PAGE and Immunoblot Analysis of Basal Marker Polypeptides

To investigate the expression pattern of cadherin3, matrix metalloproteinase 14, and cadherin EGF LAG seven-pass G-type receptor 2 , extracts were made from a variety of different cell lines and subjected to SDS-PAGE followed by

immunoblotting according to the protocol below, using affinity purified polyclonal antibody to BSTP-ECG1 prepared as described in Example 10.

Materials

- Acetic acid, Glacial (Cat. No. A38[c]-212, Fisher)
- Acrylamide (Cat. No. A-3553, Sigma)
- Anti-Rabbit IgG (H&L) (Cat. No. 31460ZZ, Pierce)
- Bis-acrylamide (Cat. No. M-7279, Sigma)
- Blotting paper (Cat. No. 170-3960, Bio-Rad, Hercules, CA)
- Bovine Serum Albumin (LP) (Cat. No. 100-350, Boehringer Mannheim, Indianapolis, IN)
- Brilliant Blue R-250 (Cat. No. BP101-25, Fisher)
- Complete™ Mini (Cat. No. 1836153, Boehringer Mannheim)
- ECL Western Blotting Detection Reagents (Cat. No. RPN2106, Amersham Pharmacia Biotech, Piscataway, NJ)
- Ethyl alcohol (AAPER Alcohol and Paper Chemical Co., Shelbyville, KY)
- Gelplate Clean (Cat. No. 786-140RF, Geno Technology, Inc., St. Louis)
- Gelatin (Cat. No. G-2500, Sigma)
- Glycerol (Cat. No. BP229-1, Fisher)
- Glycine (Cat. No. G-8898, Sigma)
- Hybond ECL (Cat. No. RPN303D, Amersham Pharmacia Biotech)
- Lauryl Sulfate (SDS) (Cat. No. L-3771, Sigma)
- Methanol (Cat. No. BP1105-4, Fisher)
- M-Per (Cat. No. 78501, Pierce, Rockford, IL)
- Nalgene bottle top filters (Cat. No. 09-740-62B, Fisher)
- Nonfat dry milk (Kroger Co., Cincinnati, OH)
- Ponceau-S (Cat. No. P-07170, Sigma)
- Potassium phosphate (Cat. No. P-0662, Sigma)
- 2X SDS gel loading buffer (Cat. No. 750006, Research Genetics, Huntsville, AL)
- Size markers (Cat. No. M-3913, M-4038, M-3788, Sigma)
- Sodium azide (Cat. No. S227I-25, Fish)
- Sodium chloride (Cat. No. S271-3, Fisher)
- Sodium phosphate, Dibasic, Anhydrous (Cat. No. BP332-1, Fisher)

- t-amyl alcohol (Cat. No. A-16852, Sigma)
- TEMED (Cat. No. T-9281, Sigma)
- Trizma® Base (Cat. No. T-6066, Sigma)
- Tween-20 (Cat. No. BP337-500, Fisher)

Solutions

- PBS – Phosphate Buffered Saline dissolved in distilled water
  -136 mM NaCl
  -2.7 mM KCl
  -10.1 mM Na_2HPO_4
  -1.8 mM KH_2PO_4
- Acrylamide/Bis (30% T, 2.67% C) dissolved in distilled water
  -4.1 M acrylamide
  -51.9 mM N,N'-
- 1.5 M Tris-HCl (pH 8.8) dissolved in distilled water
- 0.5 M Tris-HCl (pH 6.8) dissolved in distilled water
- 10% SDS – dissolve 10 grams SDS in 100 mls distilled water
- Running Buffer
  -24.8 mM Tris base
  -191.9 mM glycine
  -3.5 mM SDS
- Towbin transfer buffer (pH 8.3) dissolved in distilled water
  -20% methanol
  -25 mM Tris
  -192 mM glycine
- Equilibrating buffer for gel drying, mixed in distilled water
  -20% ethanol
  -10% glycerol
- Gel staining solution dissolved in distilled water
  -0.3 mM Coomassie brilliant blue R-250
  -40% methanol
  -7% glacial acetic acid

- Gel destaining solution mixed in distilled water
  -25% methanol
  -7% glacial acetic acid
- 10% Tween®20 in PBS
- 5% Nonfat dry milk in PBS
- 0.2% BSA Blocking Buffer dissolved in PBS
  -0.2% BSA
  -0.1% gelatin
  -0.05% Tween®20
- Wash Buffer
  -0.05% Tween®20
  -1X PBS

Equipment

- Microcentrifuge (Model 5415, Eppendorf)
- Power Pak 200 (Cat. No. 165-5052, Bio-Rad)
- Power Pak 3000 (Cat. No. 165-5056, Bio-Rad)
- Protean II xi Cell (Cat. No. 165-1813, Bio-Rad)
- Recirculating chiller (Cat. No. CFT33D115V, Neslab Instruments, Inc., Portsmouth, NH)
- 20-Well comb (Cat. No. 165-1867, Bio-Rad)
- pH Meter Corning 240 (Corning Science Products, Corning Glasswares, Corning, NY)
- Air Cadet vacuum pump (Cat. No. P-07530-50, Cole-Palmer Instruments Co., Chicago, IL)
- Tissue Tearor tissue homogenizer (Cat. No. 985370-07, BioSpec Products Inc., Bartletsville, OK)

Methods

Sample Preparation

The following cell lines were used: 184B5, MCF7, OVCAR3, UACC62, HepG2, Colo205, UACC62, JURKAT, N-TERA2, MOLT4, Sw872. These cell lines are well known in the art. Descriptions of these cell lines are provided in Table 3, in

Perou, et al., Molecular portraits of human breast tumours, *Nature*, 406(6797):747-52, 2000, in Ross, D. T. et al. Systematic Variation in Gene Expression Patterns in Human Cancer Cell Lines. Nature Genetics, 24(3):227-35, 2000, and at the American Type Culture Collection Web site: http://www.atcc.org. Cell lines were maintained under standard growth conditions and in standard tissue culture media as appropriate for the particular cell line. Cells were collected according to standard techniques (e.g., trypsinization in the case of adherent cells), and the resulting cell suspension was prepared as follows:

-The cell suspension was pelleted by centrifugation at 3000 RPM for 10 minutes, and the supernatant was discarded.

-The pellet was washed with 1ml PBS, centrifuged at 10000 RPM for 10 minutes, and the supernatant was discarded.

-An appropriate volume of M-Per™ Reagent was added to the cell pellet and mixed gently for 10 minutes in an ice bath. The mixture was centrifuged at 13200 RPM for 15 minutes, and the supernatant was saved.

The protein concentration in the supernatant was measured according to standard techniques.

All samples were mixed at 1:1 with gel loading buffer and boiled for 5 minutes before loading.

SDS PAGE

Standard SDS-PAGE stacking and running gels were prepared and placed in an electrophoresis apparatus. After filling the upper and lower chambers with running buffers the samples (60 □g/lane) were loaded. The inner core was placed in the lower chamber and the lid placed on top. The apparatus was connected to the power supply and recirculating system. The temperature setting was10°C. The stacking gel was run at 14mA per gel for 1 hour. The separating gel was run at 0.58mA per gel per hour for 16 hours.

Transfer to nitrocellulose

After electrophoresis was complete, the gel was equilibrated in Towbin Buffer for 15-30 minutes. The assembly for transfer was as follows:

cathode
pre-soaked blotting paper
gel
pre-wetted nitrocellulose
pre-soaked blotting paper
anode

The transfer was performed at 20V for 25 minutes, then 25V for 20 minutes. After the transfer was complete, the gel was stained with Coomassie and the blot was stained with Ponceau-S.

Western Blotting

Primary and secondary antibodies

All primary and secondary antibodies were diluted in 0.2% BSA blocking buffer. All incubation steps were done with gentle mixing.

Blots were blocked in 5% milk overnight at room temperature. The blots were rinsed with wash buffer before adding the primary antibody and incubating for two hours at room temperature. The primary antibodies were used at titers of 1:200, 1:500, and 1:1000 for anti-matrix metalloproteinase 14 and anti-cadherin EGF LAG seven-pass G-type receptor 2 and at 1:100 for anti-cadherin3.

One wash cycle was performed. One wash cycle consisted of:

Wash 5 min, rinse
Wash 5 min, rinse
Wash 10 min, rinse
Wash 5 min, rinse
Wash 5 min, rinse

The secondary antibody was added and incubated for one hour at room temperature. One wash cycle was then performed.

Peptide Block

As a control to demonstrate the specificity of the antibody, in some experiments equal amounts (w/w) of peptide and antibody were added to 1/10 of the final volume of blocking buffer and incubated overnight at 4°C. The volume of blocking buffer was

then brought up to the final volume, and the membrane was incubated for an additional two hours at room temperature.

Developing

The blots were placed in a Ziploc® bag. Equal volumes of ECL western blotting detection reagents were mixed and distributed evenly over the blots. The blots were placed in an autoradiography cassette, covered with a piece of film, and exposed.

Results

Figure 4A shows a Western blot demonstrating expression of the cadherin3 polypeptide in various cell lines. The lane order is, from left to right: MCF-7, Colo205, UACC62, JURKAT, HEPG2, N-TERA2, MOLT4, Sw872. The primary antibody was used at a dilution of 1:100.

Figure 4B shows a Western blot demonstrating expression of the matrix metalloproteinase 14 polypeptide in various cell lines. The lane order is, from left to right: 184B5, MCF7, OVCAR3, UACC62, HepG2. The three images present identical blots in which the primary antibody was used at dilutions of 1:200 (left), 1:500 (middle), and 1:1000 (right).

Figure 4C shows a Western blot demonstrating expression of the cadherin EGF LAG seven-pass G-type receptor 2 polypeptide in various cell lines. The lane order is, from left to right: 184B5, MCF7, OVCAR3, UACC62, HepG2. The three images present identical blots in which the primary antibody was used at dilutions of 1:200 (left), 1:500 (middle), and 1:1000 (right).

For all three antibodies, the Western blots demonstrated that the antibodies bind to a polypeptide of the expected size. All of the basal marker polypeptides are expressed in a range of different cell types. While not wishing to be bound by any theory, inventors postulate that basal cells in tissues other than breast may express the basal marker genes, which may make them useful for identification of basal tumor subclasses for tumors other than breast tumors.

Example 12

Immunohistochemical Staining of Breast Tumor Arrays with Antibodies to

Cytokeratin 17 Demonstrates that Cytokeratin 17 Expression Correlates with Poor Outcome

Materials and Methods

Tissue arrays.

A total of 611 different paraffin embedded breast carcinoma samples were identified in the files in the Department of Pathology at the University of Basel, Women's hospital Rheinfelden, and the Kreiskrankenhaus Lorrach. The specimens were obtained from patients who underwent surgery in the period between 1985 and 1994. The histologic parameters for all cases were reviewed by a single pathologist (JT) and the histologic type and grade was determined for each case according to Elston and Ellis Elston CW, Ellis IO: Pathological prognostic factors in breast cancer. I. The value of histological grade in breast cancer: experience from a large study with long-term follow-up. *Histopathology* 1991, 19:403-10.

Follow-up was obtained for 553 cases and ranged from 1 to 151 months with a mean of 65.9 months. The use of these specimens and data for research purposes was approved by the Ethics Committee of the Basel University Hospital. Tissue arrays were constructed by obtaining 0.6 mm diameter tissue cores from each tumor and placing these cores in a new paraffin block in rows and columns as described in Kononen J, Bubendorf L, Kallioniemi A, Barlund M, Schraml P, Leighton S, Torhorst J, Mihatsch MJ, Sauter G, Kallioniemi OP: Tissue microarrays for high-throughput molecular profiling of tumor specimens [see comments]. *Nat Med* 1998, 4:844-7 and in Schraml P, Kononen J, Bubendorf L, Moch H, Bissig H, Nocito A, Mihatsch MJ, Kallioniemi OP, Sauter G: Tissue microarrays for gene amplification surveys in many different tumor types. *Clin Cancer Res* 1999, 5:1966-75.

Each of the 611 cases was sampled twice, once from the center of the tumor, and once from the periphery of the mass. Cores taken from the central area from each case were combined in one array and cores taken from the periphery of the tumor were combined in the other array.

Immunohistochemistry and scoring.

Double staining of normal breast epithelium in conventional paraffin sections

was performed by first staining lumenal cells with CAM5.2 using alkaline phosphatase/fast blue staining and subsequently staining basal cells with CK17 using horse radish peroxidase/DAB staining.

Sections of arrays were stained with monoclonal antibodies specific for cytokeratin 17 (DAKO, clone E3, dilution 1:10) and cytokeratin 5/6 (Boehringer Mannheim, dilution 1:10) after antigen retrieval by microwaving in citrate buffer. Note that the anti-cytokeratin 5/6 antibody used herein detects both cytokeratins 5 and 6. However, cytokeratin 5 is likely to be the major antigen recognized by this antibody in breast basal cells. Staining results were scored as follows: 1 = invasive tumor cells present in tissue core and no staining seen; 2 = invasive tumor cells present and weak staining; 3 = invasive tumor cells present with strong staining. Only those cores containing tissue consistent with a diagnosis of invasive carcinoma were included in the outcome analysis. Cases that either had no tissue present on the array sections or cases in which the material sampled consisted of fat, fibrosis, normal breast glands, or in-situ carcinoma only, were omitted from further analysis. Cytokeratins often showed only focal staining of tumor cells within the tissue array cores or conventional paraffin sections. To account for the focal expression of CK17 and CK5/6, each of the 612 breast tumors was analyzed 4 times: with anti-CK17 and anti-CK5/6 antibody on the "central sample" array, and with anti-CK17 and anti-CK5/6 antibody on the "peripheral sample" array. A breast tumor sample was scored as staining positive for the keratins if infiltrating carcinoma in one or more of the cores from that sample reacted with either of the antibodies.

To aid in recognizing infiltrating carcinoma in the core samples, sections of each array were also stained with an anti-cytokeratin antibody mix reacting with cytokeratins 8 and 18 (CAM5.2, Becton & Dickinson, dilution 1:20) after antigen unmasking by trypsin digestion to highlight invasive carcinoma cells.

Statistical analysis

Univariate survival analysis based upon gene expression defined subgroups of patients was performed by Kaplan-Meier statistics using WinSTAT software (www.winstat.com). Subsequent multivariate analyses were performed using Cox's proportional hazards model for survival data (Cox: Regression models and life tables.

Journal Royal Statistical Society 1972, 74:187-220).

Results

Basal keratin staining in normal breast and breast carcinoma.

In normal breast, antibodies that bind to cytokeratin17 (CK17) and cytokeratin 5/6 (CK5/6) stain the basal layer of breast glandular epithelium while antibodies that bind to cytokeratins 8 and 18 stain lumenal cells (figures 3C and 3D). Whole paraffin sections of breast carcinoma showed that cytokeratin 17 and 5/6 expression in paraffin embedded tissue when present was focal (Figures 3E and 3F) with often less than 10% of tumor cells reacting. In an attempt to study further the focal reactivity of the monoclonal antibodies against the basal type cytokeratins, and to attempt to improve the reliability of this test, rabbit antisera against CK17 were raised as described in Example 12. This serum was tested on a separate tissue array with over 300 hundred breast samples. The antiserum and the monoclonal antibody against CK17 showed highly similar reactivity with epithelial cells in the breast cores. Both reagents stained the same fraction of tumor cells suggesting that neither is a significantly better reagent. These results suggest that the focal reactivity seen with monoclonal anti-CK17 was not due to weak reactivity of the monoclonal antibody but indicates that within a tumor only a subset of tumor cells express these basal keratins, reinforcing the need for alternative basal markers.

Basal keratin staining on breast carcinoma tissue arrays.

Since the size of sample examined in tissue array cores is significantly smaller than on conventional samples, there was a concern that the focal reactivity of basal type cytokeratins might cause positive tumors to be missed. We decided to maximize the chance of detecting basal keratin expression in the breast tumors on the arrays by staining them with monoclonal antibodies directed at CK5/6 and CK17 and by examining arrays made with cores taken from central and peripheral areas of the tumors. By combining the results from the "central" array and the "peripheral" array, 532 tumors were available for CK17 analysis, 535 were available for CK5/6 analysis, and 564 were available for either CK17 or CK5/6. The remainder of the tumors represented on the arrays were either lost in transfer during sectioning of the tissue

arrays block, or showed no convincing invasive carcinoma on the core section. Of the cases available for scoring, 75 and 63 tumors scored positive (either weak or strongly) for CK17 and CK5/6, respectively. By combining the results from the stains for CK17 and CK5/6, 90 cases (16%) out of the 564 tumors examined reacted with either CK17 and/or CK5/6. Follow-up data were available for 505 of the 564 cases on which CK staining data was obtained. The follow-up period ranged from 1 to 151 months with a mean of 66.1 months.

Kaplan-Meier survival analysis on all patients with follow-up showed that the absence of cytokeratin 17 and cytokeratin 5 is associated with a significantly better prognosis than the presence of either of these cytokeratins (figure 5A, p=0.012). In the group of 229 patients with known lymph node metastases, the expression of CK17 and CK5/6 had no predictive value. In contrast, in the group of 245 patients without lymph node metastases, CK17 and/or CK5/6 expression was significantly associated with shorter survival (figure 5B, p=0.006). The percentage of basal keratin positive tumors was similar in patients with and without lymph node metastases. Multivariate analysis on all patients taken together showed that the prognostic association of basal cytokeratin expression with poor outcome was not independent from tumor size, LN status and histologic grade. However when analyzed on LN-negative tumors alone, the expression of basal cytokeratins is not only a statistically significant prognosticator, but is also independent of tumor size, tumor grade, her2neu status, ER status, and GATA3 status. The results clearly demonstrate the utility of cytokeratin17 as a marker for a subclass of tumors with a poor clinical outcome while also highlighting the difficulties associated with use of anti-cytokeratin17 antibodies.

Her2neu, estrogen receptor and GATA-3 staining on breast carcinoma arrays

To further confirm the accuracy of correlations between immunohistochemistry results and clinical data obtained using tissue arrays, sections of the arrays made with peripheral cores were stained for a variety of other proteins known or suspected to be associated with a good or a poor clinical outcome, for example estrogen receptor and Her2neu. As expected, expression of estrogen receptors was associated with a better clinical outcome. This finding was independent of BRE grade, LN status and size. In contrast, Her2neu expression was associated

with a poor prognosis. These results are compatible with published data and are similar to those of two additional studies performed on the same breast tumor arrays. (Bucher C, Torhorst J, Kononen J, Haas P, Schraml L, Bubendorf L, Zuber M, Kochli OR, Mross F, Dieterich H, Askaa J, Godtfredsen SE, Seelig S, Moch H, Mihatsch M, Kallioniemi O, Sauter G: Prognostic significance of HER-2 amplification and overexpression in breast cancer: Methodological comparison of fluorescence *in situ* hybridization and immunohistochemistry using tissue microarrays of 611 primary breast cancers. in press, 2001; Torhorst J, Bucher C, Kononen J, Haas P, Zuber M, Kochli OR, Mross F, Dieterich H, Moch H, Mihatsch M, Kallioniemi O, Sauter G: Tissue microarrays for rapid linking of molecular changes to clinical endpoints. in press. 2001)

Sections of the arrays were also stained for GATA-binding protein 3, an antigen thought to be co-expressed with estrogen receptors on the mRNA and protein level (Hoch RV, Thompson DA, Baker RJ, Weigel RJ: GATA-3 is expressed in association with estrogen receptor in breast cancer. *International Journal of Cancer* 1999, 84:122-8). The expression for GATA-3 was associated with a good clinical outcome and had a high correlation (Chi-square=720.3 on 9 degrees of freedom) with estrogen receptor expression. The staining results for estrogen receptor, GATA-3 and her2neu confirm findings from prior studies, and also function as an independent validation of tissue array-based studies.

Tissue arrays present a number of advantages for tumor analysis. Analysis of large numbers of tissue sections using conventional techniques is laborious and expensive. An added disadvantage is that slides are stained in different batches, which can introduce variation in staining intensity. In addition, the analysis of large number of conventional glass slides makes comparisons between tumor samples difficult. Many of these problems are circumvented by the new technique of tissue arrays. This approach allows the efficient analysis of antibody reactivity on large numbers of tumors that are stained together on the same slide.

The tissue array studies reported here allowed separation of the patients groups into patients with lymph node metastasis and those without. In patients with metastatic disease to the lymph nodes, the expression of the basal cytokeratins was not associated with a significant difference in clinical outcome. However, in lymph node

negative patients the reactivity for these markers was associated with a poor prognosis independent of tumor size, tumor grade, or immunostain reactivity for ER, her2neu or GATA3. While not wishing to be bound by any theory, taken together with the gene array data, these findings support the idea that anti-cytokeratin antibodies may identify a different type of tumor rather than just another prognostic marker and suggest the possibility that these tumors are derived from basal cells and not from lumenal cells.

Due to the focal and often weak reactivity of monoclonal antibodies against basal type keratins, the interpretation of staining results for these markers can be difficult. The intensity of staining with these markers is not comparable with other markers currently used in diagnosis of breast carcinoma, such as estrogen receptor and her2neu, a feature that prevents their use in clinical settings. We attempted to generate new reagents in the hope that they would have more robust IHC staining characteristics. Analysis of over 300 breast carcinoma samples in a separate array showed that the number of cells and the pattern of focal reactivity for the antiserum against CK17 and the intensity of staining were similar to that seen with the monoclonal antibodies. This indicates that the basal keratins are indeed only focally expressed and that the low numbers of cells stained with antibodies is not due to a weak reactivity of the monoclonal antibodies with the protein.

The studies presented here show that basal epithelial cytokeratin positive tumors occur with a significant frequency (>10%) and are associated with a poor prognosis. Patients with metastatic breast carcinoma to the axillary lymph nodes are at high risk for recurrence and most receive adjuvant therapy. The situation for node negative patients is less clear; depending on the size and grade of the tumor, the reported recurrence rate varies between 5-30%. In lymph node negative patients, the clinical decision whether to give or withhold systemic therapy thus is a difficult one and hence it is in this group of patients that the need for new prognostic markers is the greatest. The relative size of this group of patients is also expected to increase, due to continuing advances in screening and diagnostic techniques that identify increasingly smaller breast tumors. Most of these smaller tumors have not metastasized to the "sentinel" lymph node. This group of patients, therefore, has to make a difficult choice between a variety of additional therapies, such as: lumpectomy, mastectomy,

chemotherapy, radiation therapy, or hormonal therapy in the absence of reliable guidance from pathologic characteristics of their tumor. The cytokeratins 17 and 5/6 appear to detect a subcategory of tumors that behave poorly and may help in treatment decisions for node-negative breast carcinoma patients. These results suggest that patients that present with basal epithelial cytokeratin expressing tumors may be candidates for more aggressive treatment procedures and also for alternate therapies directed against tumors with this particular biology.

Example 13

Immunohistochemical Staining of Normal Breast and Breast Tumor Samples in Tissue Arrays with Antibodies to Basal Marker Polypeptides

Materials and Methods

Tissue arrays including normal breast and breast tumor samples were prepared as described in Example 12. Monoclonal antibody to cytokeratin 5/6 (Boeringer Mannheim, Inc.) and polyclonal, affinity purified, anti-peptide antibodies to cadherin3, cadherin EGF LAG seven-pass G-type receptor 2, and matrix metalloproteinase 14 prepared as described in Example 10 were used to perform immunohistochemical staining using the DAKO Envision+, Peroxidase IHC kit (DAKO Corp., Carpenteria, CA) with DAB substrate according to the manufacturer's instructions.

Results

Figure 6 shows antibody staining of normal breast tissue cores. Figure 6A shows staining with anti-cytokeratin 5/6 monoclonal antibody (ck5/6). Figures 6B , 6C, and 6D show staining with anti-cadherin 3 polyclonal antibody (s0158), anti-EGF LAG seven-pass G-type receptor 2 polyclonal antibody (s0137), and anti-metalloproteinase 14 polyclonal antibody (s0144), respectively, on sections from a core derived from the same patient. The brown areas represent prominent staining of the basal layer in the two-cell layered epithelium lining the mammary gland lumen. These results confirm that the staining pattern of antibodies to the basal marker polypeptides identified herein is comparable to that of antibodies to cytokeratin 17 in

terms of the cell type stained and the ability to distinguish between basal and luminal cells in the normal mammary gland.

Figure 7 shows antibody staining of breast cancer tissue cores. Figure 7A shows antibody staining with anti-cytokeratin 5/6 monoclonal antibody (cd5/6). Figures 7B and 7C show staining with anti-EGF LAG seven-pass G-type receptor 2 polyclonal antibody (s0137) and anti-cadherin 3 polyclonal antibody (s0158), respectively. The brown areas represent prominent staining of the epithelial cells within tumor tissue. Note the loss of normal breast glandular architecture consistent with the diagnosis of carcinoma.

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CLAIMS

We claim:

1. A method of classifying a tumor comprising the steps of:

providing a tumor sample;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the sample; and

classifying the tumor as belonging to a tumor subclass based on the results of the detecting step.

2. A method of classifying a tumor comprising the steps of:

providing a tumor sample;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the sample; and

classifying the tumor as belonging to a tumor subclass based on the results of the detecting step.

3. A method of classifying a tumor comprising the steps of:

providing a tumor sample;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the sample; and

classifying the tumor as belonging to a tumor subclass based on the results of the detecting step.

4. A method of classifying a tumor comprising the steps of:

providing a tumor sample;

detecting expression or activity of at least two genes selected from the group consisting of: a gene encoding the polypeptide of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the sample; and

classifying the tumor as belonging to a tumor subclass based on the results of the detecting step.

5. The method of any of claims 1, 2, 3, or 4, wherein the detecting step comprises detecting the polypeptide or polypeptides.

6. The method of claim 5, wherein the polypeptide is detected by performing immunohistochemical analysis on the sample using an antibody that specifically binds to the polypeptide.

6a. The method of claim 5, wherein the polypeptide is detected by performing an ELISA assay using an antibody that specifically binds to the polypeptide.

6b. The method of claim 5, wherein the polypeptide is detected using an antibody array comprising an antibody that specifically binds to the polypeptide.

6c. The method of claim 5, wherein the detecting step comprises:
detecting modification of a substrate by the polypeptide.

7. The method of any of claims 1, 2, 3, or 4, wherein classifying a tumor comprises:
stratifying a subject having the tumor for a clinical trial.

8. The method of claim 7, wherein the tumor is a breast tumor.

9. The method of any of claims 1, 2, 3, or 4, wherein the tumor is a breast tumor and the tumor subclass is a basal tumor subclass.

1a. The method of claim 1, further comprising:
providing diagnostic, prognostic, or predictive information based on the classifying step.

2a. The method of claim 2, further comprising:
providing diagnostic, prognostic, or predictive information based on the classifying step.

3a. The method of claim 3, further comprising:

providing diagnostic, prognostic, or predictive information based on the classifying step.

4a. The method of claim 4, further comprising:

providing diagnostic, prognostic, or predictive information based on the classifying step.

5a. The method of claim 5, further comprising:

providing diagnostic, prognostic, or predictive information based on the classifying step.

6aa. The method of claim 5a, wherein the polypeptide is detected by performing immunohistochemical analysis on the sample using an antibody that specifically binds to the polypeptide.

6ab. The method of claim 5a, wherein the polypeptide is detected by performing an ELISA assay using an antibody that specifically binds to the polypeptide.

6ac. The method of claim 5a, wherein the polypeptide is detected using an antibody array comprising an antibody that specifically binds to the polypeptide.

6ad. The method of claim 5a, wherein the detecting step comprises:

detecting modification of a substrate by the polypeptide.

9a. The method of any of claims 1a, 2a, 3a, or 4a, wherein the tumor is a breast tumor and the tumor subclass is a basal tumor subclass.

1g. The method of claim 1, further comprising:

selecting a treatment based on the classifying step.

2g. The method of claim 2, further comprising:

selecting a treatment based on the classifying step.

3g. The method of claim 3, further comprising:

selecting a treatment based on the classifying step.

4g. The method of claim 4, further comprising:

selecting a treatment based on the classifying step.

5g. The method of claim 5, further comprising:

selecting a treatment based on the classifying step.

6ag. The method of claim 5g, wherein the polypeptide is detected by performing immunohistochemical analysis on the sample using an antibody that specifically binds to the polypeptide.

6bg. The method of claim 5g, wherein the polypeptide is detected by performing an ELISA assay using an antibody that specifically binds to the polypeptide.

6cg. The method of claim 5g, wherein the polypeptide is detected using an antibody array comprising an antibody that specifically binds to the polypeptide.

6dg. The method of claim 5g, wherein the detecting step comprises:

detecting modification of a substrate by the polypeptide.

9g. The method of any of claims 1g, 2g, 3g, or 4g, wherein the tumor is a breast tumor and the tumor subclass is a basal tumor subclass.

1m. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the sample; and

providing diagnostic, prognostic, or predictive information based on the detecting step.

2m. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the sample; and

providing diagnostic, prognostic, or predictive information based on the detecting step.

3m. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the sample; and

providing diagnostic, prognostic, or predictive information based on the detecting step.

4m. A method of testing a subject comprising the steps of:

providing a sample isolated from the subject;

detecting expression or activity of at least two genes selected from the group consisting of: a gene encoding the polypeptide of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the sample; and

providing diagnostic, prognostic, or predictive information based on the detecting step.

5m. The method of any of claims 1m, 2m, 3m, or 4m, wherein the detecting step comprises detecting the polypeptide or polypeptides.

6m. The method of claim 5m, wherein the polypeptide is detected by performing immunohistochemical analysis on the sample using an antibody that specifically binds to the polypeptide.

6ma. The method of claim 5m, wherein the polypeptide is detected by performing an ELISA assay using an antibody that specifically binds to the polypeptide.

6mb. The method of claim 5m, wherein the polypeptide is detected using an antibody array comprising an antibody that specifically binds to the polypeptide.

6mc. The method of claim 5m, wherein the detecting step comprises:

detecting modification of a substrate by the polypeptide.

9m. The method of any of claims 1m, 2m, 3m, or 4m, wherein the sample is selected from the group consisting of:

a blood sample, a urine sample, a serum sample, an ascites sample, a saliva sample, a cell, and a portion of tissue.

10m. The method of any of claims 1m, 2m, 3m, or 4m, wherein the sample is a tumor sample.

11m. The method of claim 10m, wherein the tumor sample is a breast tumor sample.

1r. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the sample; and

stratifying the subject for a clinical trial based on the detecting step.

2r. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the sample; and

stratifying the subject for a clinical trial based on the detecting step.

3r. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the sample; and

stratifying the subject for a clinical trial based on the detecting step.

4r. A method of testing a subject comprising the steps of:

providing a sample isolated from the subject;

detecting expression or activity of at least two genes selected from the group consisting of: a gene encoding the polypeptide of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the sample; and

stratifying the subject for a clinical trial based on the detecting step.

5r. The method of any of claims 1r, 2r, 3r, or 4r, wherein the detecting step comprises detecting the polypeptide or polypeptides.

6r. The method of claim 5r, wherein the polypeptide is detected by performing immunohistochemical analysis on the sample using an antibody that specifically binds to the polypeptide.

6ra. The method of claim 5r, wherein the polypeptide is detected by performing an ELISA assay using an antibody that specifically binds to the polypeptide.

6rb. The method of claim 5r, wherein the polypeptide is detected using an antibody array comprising an antibody that specifically binds to the polypeptide.

6rc. The method of claim 5r, wherein the detecting step comprises:

detecting modification of a substrate by the polypeptide.

9r. The method of any of claims 1r, 2r, 3r, or 4r, wherein the sample is selected from the group consisting of:

a blood sample, a urine sample, a serum sample, an ascites sample, a saliva sample, a cell, and a portion of tissue.

10r. The method of any of claims 1r, 2r, 3r, or 4r, wherein the sample is a tumor sample.

11r. The method of claim 10r, wherein the tumor sample is a breast tumor sample.

1q. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the sample; and

selecting a treatment based on the detecting step.

2q. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the sample; and

selecting a treatment based on the detecting step.

3q. A method of testing a subject comprising the steps of:

providing a sample isolated from a subject;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the sample; and

selecting a treatment based on the detecting step.

4q. A method of testing a subject comprising the steps of:

providing a sample isolated from the subject;

detecting expression or activity of at least two genes selected from the group consisting of: a gene encoding the polypeptide of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the sample; and

selecting a treatment based on the detecting step.

5q. The method of any of claims 1q, 2q, 3q, or 4q, wherein the detecting step comprises detecting the polypeptide or polypeptides.

6q. The method of claim 5q, wherein the polypeptide is detected by performing immunohistochemical analysis on the sample using an antibody that specifically binds to the polypeptide.

6qa. The method of claim 5q, wherein the polypeptide is detected by performing an ELISA assay using an antibody that specifically binds to the polypeptide.

6qb. The method of claim 5q, wherein the polypeptide is detected using an antibody array comprising an antibody that specifically binds to the polypeptide.

6qc. The method of claim 5q, wherein the detecting step comprises:

detecting modification of a substrate by the polypeptide.

9q. The method of any of claims 1q, 2q, 3q, or 4q, wherein the sample is selected from the group consisting of:

a blood sample, a urine sample, a serum sample, an ascites sample, a saliva sample, a cell, and a portion of tissue.

10m. The method of any of claims 1m, 2m, 3m, or 4m, wherein the sample is a tumor sample.

11m. The method of claim 10m, wherein the tumor sample is a breast tumor sample.

20. An antibody that specifically binds to an epitope found in a polypeptide whose amino acid sequence the amino acid sequence of SEQ ID NO:1, and wherein the antibody recognizes basal cells in normal mammary lactation glands.

21. The antibody of claim 21, wherein the antibody distinguishes basal cells from luminal cells in normal mammary lactation glands.

22. The antibody of claim 20, wherein the antibody is a monoclonal antibody.

23. The antibody of claim 20, wherein the antibody is a polyclonal antibody.

24. The antibody of claim 20, wherein the antibody recognizes an epitope found in a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO:4, SEQ ID NO:5, and SEQ ID NO:6.

25. An antibody that specifically binds to an epitope found in a polypeptide whose amino acid sequence comprises the amino acid sequence of SEQ ID NO:2, and wherein the antibody recognizes basal cells in normal mammary lactation glands.

26. The antibody of claim 25, wherein the antibody distinguishes basal cells from luminal cells in normal mammary lactation glands.

27. The antibody of claim 25, wherein the antibody is a monoclonal antibody.

28. The antibody of claim 25, wherein the antibody is a polyclonal antibody.

29. The antibody of claim 25, wherein the antibody recognizes an epitope found in a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO:7, SEQ ID NO:8, and SEQ ID NO:9.

30. An antibody that specifically binds to an epitope found in a polypeptide whose amino acid sequence comprises the amino acid sequence of SEQ ID NO:3, and wherein the antibody recognizes basal cells in normal mammary lactation glands.

31. The antibody of claim 30, wherein the antibody distinguishes basal cells from luminal cells in normal mammary lactation glands.

32. The antibody of claim 30, wherein the antibody is a monoclonal antibody.

33. The antibody of claim 30, wherein the antibody is a polyclonal antibody.

34. The antibody of claim 30, wherein the antibody recognizes an epitope found in a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO:10, SEQ ID NO:11, and SEQ ID NO:12.

38. A kit for tumor diagnosis comprising:

one or more of the antibodies of any of claims 20 through 34;

instructions for use of the kit; and

a control slide comprising breast tissue samples for testing reagents in the kit.

40. A method of testing a compound or a combination of compounds for activity against tumors comprising steps of:

obtaining or providing tumor samples taken from subjects who have been treated with the compound or combination of compounds, wherein the tumors fall within a tumor subclass;

comparing the response rate of tumors that fall within the tumor subclass and have been treated with the compound with the overall response rate of tumors that have been treated with the compound or combination of compounds or with the response rate of tumors that do not fall within the subclass and have been treated with the compound or combination of compounds; and

identifying the compound or combination of compounds as having selective activity against tumors in the tumor subclass if the response rate of tumors in the subclass is greater than the overall response rate or the response rate of tumors that do not fall within the subclass.

41. The method of claim 40, wherein the tumors are breast tumors.

42. The method of claim 41, wherein the tumor subclass is a basal tumor subclass.

43. The method of claim 41, wherein the tumors are classified according to the method of any of claims 1, 2, 3, or 4.

44. The method of claim 41, wherein the tumor subclass is a basal tumor subclass and wherein a tumor is identified as belonging to the tumor subclass based on evidence of expression of one or more basal marker genes in the sample.

45. The method of claim 44, wherein evidence of expression comprises presence of a protein encoded by a basal marker gene, and wherein the evidence of expression is obtained using an antibody that binds to the protein.

46. The method of claim 45, wherein the basal marker gene encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:1.

47. The method of claim 45, wherein the basal marker gene encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

48. The method of claim 45, wherein the basal marker gene encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:3.

49. The method of claim 40, wherein the samples are present within a tissue array.

60. A method of testing a compound or a combination of compounds for activity against tumors comprising steps of:

treating subjects in need of treatment for tumors with the compound or combination of compounds;

comparing the response rate of tumors that fall within a tumor subclass with the overall response rate of tumors or with the response rate of tumors that do not fall within the subclass; and

identifying the compound or combination of compounds as having selective activity against tumors in the tumor subclass if the response rate of tumors in the

subclass is greater than the overall response rate or the response rate of tumors that do not fall within the subclass.

61. The method of claim 60, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

determining whether the tumors fall within a tumor subclass; and

stratifying the subjects based on the results of the determining step prior to performing the treating step.

62. The method of claim 60, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the the treating step.

63. The method of claim 60, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the treating step.

64. The method of claim 60, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the treating step.

65. The method of claim 60, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of at least two genes, wherein each of the genes encodes a polypeptide whose sequence comprises a sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the treating step.

80. A method of testing a compound or a combination of compounds for activity against tumors comprising steps of:

treating subjects in need of treatment for tumors with the compound or combination of compounds or with an alternate compound, wherein the tumors fall within a tumor subclass;

comparing the response rate of tumors treated with the compound or combination of compounds with the response rate of tumors treated with the alternate compound; and

identifying the compound or combination of compounds as having superior activity against tumors in the tumor subclass, as compared with the alternate compound, if the response rate of tumors treated with the compound or combination of compounds is greater than the response rate of tumors treated with the alternate compound.

81. The method of claim 80, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

determining whether the tumors fall within a tumor subclass; and

stratifying the subjects based on the results of the determining step prior to performing the treating step.

82. The method of claim 80, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:1 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the treating step.

83. The method of claim 80, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:2 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the treating step.

84. The method of claim 80, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of a gene encoding the polypeptide of SEQ ID NO:3 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the treating step.

85. The method of claim 80, further comprising the steps of:

providing tumor samples from subjects in need of treatment for tumors;

detecting expression or activity of at least two genes, wherein each of the genes encodes a polypeptide whose sequence comprises a sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, and SEQ ID NO:3 in the samples; and

stratifying the subjects based on the results of the detecting step prior to performing the treating step.

86. The method of any of claims 80, 81, 82, 83, 84, or 85, wherein the alternate compound is a compound approved by the U.S. Food and Drug administration for treatment of tumors.

100. A method of treating a subject comprising steps of:

identifying a subject as having a tumor in a basal tumor subclass; and

administering a compound identified according to the method of any of claims 40, 41, 42, or 45 to the subject.

101. A method of treating a subject comprising steps of:

identifying a subject as having a tumor in a basal tumor subclass; and

administering a compound identified according to the method of any of claims 60, 61, 62, 63, 64, or 65 to the subject.

103. A method of treating a subject comprising steps of:

identifying a subject as having a tumor in a basal tumor subclass; and

administering a compound identified according to the method of any of claims 80, 81, 82, 83, 84, or 85 to the subject.

120. A method of treating a subject comprising steps of:

providing a subject in need of treatment for cancer;

administering to the subject an antibody that specifically binds to a polypeptide having an amino acid sequence comprising the sequence of SEQ ID NO:1.

121. A method of treating a subject comprising steps of:

providing a subject in need of treatment for a tumor;

administering to the subject an antibody that specifically binds to a polypeptide having an amino acid sequence comprising the sequence of SEQ ID NO:2.

122. A method of treating a subject comprising steps of:

providing a subject in need of treatment for a tumor;

administering to the subject an antibody that specifically binds to a polypeptide having an amino acid sequence comprising the sequence of SEQ ID NO:3.

130. The method of any of claims 120, 121, or 122, wherein the tumor is a breast tumor, and wherein the method further comprises the step of:

identifying the tumor as belonging to a basal tumor subclass.

131. The method of any of claims 120, 121, or 122, wherein the antibody is conjugated with a toxic molecule.

140. A method of treating a subject comprising steps of:

providing a subject in need of treatment for cancer;

administering to the subject a compound that activates or inhibits a gene that encodes an amino acid having a sequence comprising the sequence of SEQ ID NO:1, or that activates or inhibits an expression product of the gene.

141. A method of treating a subject comprising steps of:

providing a subject in need of treatment for a tumor;

administering to the subject a compound that activates or inhibits a gene that encodes an amino acid having a sequence comprising the sequence of SEQ ID NO:2, or that activates or inhibits an expression product of the gene.

142. A method of treating a subject comprising steps of:

providing a subject in need of treatment for a tumor;

administering to the subject a compound that activates or inhibits a gene that encodes an amino acid having a sequence comprising the sequence of SEQ ID NO:3, or that activates or inhibits an expression product of the gene.

150. A composition comprising:

two or more compounds identified according to the method of any of claims 40, 60, or 80.

151. A pharmaceutical composition comprising:

the composition of claim 150; and

a pharmaceutically acceptable carrier.

160. A composition comprising:

a compound identified according to the method of any of claims 40, 60, or 80;

a second compound, wherein the second compound is approved by the U.S. Food and Drug administration for the treatment of cancer or has shown potential efficacy against cancer in pre-clinical studies.

161. A pharmaceutical composition comprising:

the composition of claim 160; and

a pharmaceutically acceptable carrier.

FIGURE 1A

Sequence of cadherin 3 (GenBank accession number NP_001784)

SEQ ID NO:1

MGLPRGPLASLLLLQVCWLQCAASEPCRAVFREAEVTLEAGGAEQEPGQALGK
VFMGCPGQEPALFSTDNDDFTVRNGETVQERRSLKERNPLKIFPSKRILRRHKRD
WVVAPISVPENGKGPFPQRLNQLKSNKDRDTKIFYSITGPGADSPPEGVFAVEKE
TGWLLLNKPLDREEIAKYELFGHAVSENGASVEDPMNISIIVTDQNDHKPKFTQD
TFRGSVLEGVLPGTSVMQVTATDEDDAIYTYNGVVAYSIHSQEPKDPHDLMFTI
HRSTGTISVISSGLDREKVPEYTLTIQATDMDGDGSTTTAVAVVEILDANDNAPM
FDPQKYEAHVPENAVGHEVQRLTVTDLDAPNSPAWRATYLIMGGDDGDHFTITT
HPESNQGILTTRKGLDFEAKNQHTLYVEVTNEAPFVLKLPTSTATIVVHVEDVNE
APVFVPPSKVVEVQEGIPTGEPVCVYTAEDPDKENQKISYRILRDPAGWLAMDPD
SGQVTAVGTLDREDEQFVRNNIYEVMVLAMDNGSPPTTGTGTLLLTLIDVNDHG
PVPEPRQITICNQSPVRHVLNITDKDLSPHTSPFQAQLTDDSDIYWTAEVNEEGDT
VVLSLKKFLKQDTYDVHLSLSDHGNKEQLTVIRATVCDCHGHVETCPGPWKGG
FILPVLGAVLALLFLLLVLLLLVRKKRKIKEPLLLPEDDTRDNVFYYGEEGGGEE
DQDYDITQLHRGLEARPEVVLRNDVAPTIIPTPMYRPRPANPDEIGNFIIENLKAA
NTDPTAPPYDTLLVFDYEGSGSDAASLSSLTSSASDQDQDYDYLNEWGSRFKKL
ADMYGGGEDD

FIGURE 1B

Sequence of matrix metalloproteinase 14 (GenBank accession number NP_004986)

SEQ ID NO:2

MSPAPRPPRCLLLPLLTLGTALASLGSAQSSSFSPEAWLQQYGYLPPGDLRTHTQ
RSPQSLSAAIAAMQKFYGLQVTGKADADTMKAMRRPRCGVPDKFGAEIKANVR
RKRYAIQGLKWQHNEITFCIQNYTPKVGEYATYEAIRKAFRVWESATPLRFREVP
YAYIREGHEKQADIMIFFAEGFHGDSTPFDGEGGFLAHAYFPGPNIGGDTHFDSA
EPWTVRNEDLNGNDIFLVAVHELGHALGLEHSSDPSAIMAPFYQWMDTENFVLP
DDDRRGIQQLYGGESGFPTKMPPQPRTTSRPSVPDKPKNPTYGPNICDGNFDTVA
MLRGEMFVFKERWFWRVRNNQVMDGYPMPIGQFWRGLPASINTAYERKDGKF
VFFKGDKHWVFDEASLEPGYPKHIKELGRGLPTDKIDAALFWMPNGKTYFFRGN
KYYRFNEELRAVDSEYPKNIKVWEGIPESPRGSFMGSDEVFTYFYKGNKYWKFN
NQKLKVEPGYPKSALRDWMGCPSGGRPDEGTEEETEVIIIEVDEEGGGAVSAAA
VVLPVLLLLLVLAVGLAVFFFRRHGTPRRLLYCQRSLLDKV

FIGURE 1C

Sequence of cadherin EGF LAG seven-pass G-type receptor 2 (GenBank accession number NP_001399)

SEQ ID NO:3

MRSPATGVPLPTPPPPLLLLLLLLLPPPLLGDQVGPCRSLGSRGRGSSGACAPMG
WLCPSSASNLWLYTSRCRDAGTELTGHLVPHHDGLRVWCPESEAHIPLPPAPEG
CPWSCRLLGIGGHLSPQGKLTLPEEHPCLKAPRLRCQSCKLAQAPGLRAGERSPE
ESLGGRRKRNVNTAPQFQPPSYQATVPENQPAGTPVASLRAIDPDEGEAGRLEYT
MDALFDSRSNQFFSLDPVTGAVTTAEELDRETKSTHVFRVTAQDHGMPRRSALA
TLTILVTDTNDHDPVFEQQEYKESLRENLEVGYEVLTVRATDGDAPPNANILYRL
LEGSGGSPSEVFEIDPRSGVIRTRGPVDREEVESYQLTVEASDQGRDPGPRSTTAA
VFLSVEDDNDNAPQFSEKRYVVQVREDVTPGAPVLRVTASDRDKGSNAVVHYSI
MSGNARGQFYLDAQTGALDVVSPLDYETTKEYTLRVRAQDGGRPPLSNVSGLV
TVQVLDINDNAPIFVSTPFQATVLESVPLGYLVLHVQAIDADAGDNARLEYRLAG
VGHDFPFTINNGTGWISVAAELDREEVDFYSFGVEARDHGTPALTASASVSVTVL
DVNDNNPTFTQPEYTVRLNEDAAVGTSVVTVSAVDRDAHSVITYQITSGNTRNR
FSITSQSGGGLVSLALPLDYKLERQYVLAVTASDGTRQDTAQIVVNVTDANTHRP
VFQSSHYTVNVNEDRPAGTTVVLISATDEDTGENARITYFMEDSIPQFRIDADTG
AVTTQAELDYEDQVSYTLAITARDNGIPQKSDTTYLEILVNDVNDNAPQFLRDSY
QGSVYEDVPPFTSVLQISATDRDSGLNGRVFYTFQGGDDGDGDFIVESTSGIVRT
LRRLDRENVAQYVLRAYAVDKGMPPARTPMEVTVTVLDVNDNPPVFEQDEFDV
FVEENSPIGLAVARVTATDPDEGTNAQIMYQIVEGNIPEVFQLDIFSGELTALVDL
DYEDRPEYVLVIQATSAPLVSRATVHVRLLDRNDNPPVLGNFEILFNNYVTNRSS
SFPGGAIGRVPAHDPDISDSLTYSFERGNELSLVLLNASTGELKLSRALDNNRPLE
AIMSVLVSDGVHSVTAQCALRVTIITDEMLTHSITLRLEDMSPERFLSPLLGLFIQA
VAATLATPPDHVVVFNVQRDTDAPGGHILNVSLSVGQPPGPGGGPPFLPSEDLQE
RLYLNRSLLTAISAQRVLPFDDNICLREPCENYMRCVSVLRFDSSAPFIASSSVLFR
PIHPVGGLRCRCPPGFTGDYCETEVDLCYSRPCGPHGRCRSREGGYTCLCRDGYT
GEHCEVSARSGRCTPGVCKNGGTCVNLLVGGFKCDCPSGDFEKPYCQVTTRSFP
AHSFITFRGLRQRFHFTLALSFATKERDGLLLYNGRFNEKHDFVALEVIQEQVQL
TFSAGESTTTVSPFVPGGVSDGQWHTVQLKYYNKPLLGQTGLPQGPSEQKVAVV
TVDGCDTGVALRFGSVLGNYSCAAQGTQGGSKKSLDLTGPLLLGGVPDLPESFP
VRMRQFVGCMRNLQVDSRHIDMADFIANNGTVPGCPAKKNVCDSNTCHNGGT
CVNQWDAFSCECPLGFGGKSCAQEMANPQHFLGSSLVAWHGLSLPISQPWYLSL
MFRTRQADGVLLQAITRGRSTITLQLREGHVMLSVEGTGLQASSLRLEPGRAND
GDWHHAQLALGASGGPGHAILSFDYGQQRAEGNLGPRLHGLHLSNITVGGIPGP
AGGVARGFRGCLQGVRVSDTPEGVNSLDPSHGESINVEQGCSLPDPCDSNPCPA
NSYCSNDWDSYSCSCDPGYYGDNCTNVCDLNPCEHQSVCTRKPSAPHGYTCEC
PPNYLGPYCETRIDQPCPRGWWGHPTCGPCNCDVSKGFDPDCNKTSGECHCKEN
HYRPPGSPTCLLCDCYPTGSLSRVCDPEDGQCPCKPGVIGRQCDRCDNPFAEVTT
NGCEVNYDSCPRAIEAGIWWPRTRFGLPAAAPCPKGSFGTAVRHCDEHRGWLPP
NLFNCTSITFSELKGFAERLQRNESGLDSGRSQQLALLLRNATQHTAGYFGSDVK
VAYQLATRLLAHESTQRGFGLSATQDVHFTENLLRVGSALLDTANKRHWELIQQ

TEGGTAWLLQHYEAYASALAQNMRHTYLSPFTIVTPNIVISVVRLDKGNFAGAK
LPRYEALRGEQPPDLETTVILPESVFRETPPVVRPAGPGEAQEPEELARRQRRHPE
LSQGEAVASVIIYRTLAGLLPHNYDPDKRSLRVPKRPIINTPVVSISVHDDEELLPR
ALDKPVTVQFRLLETEERTKPICVFWNHSILVSGTGGWSARGCEVVFRNESHVSC
QCNHMTSFAVLMDVSRRENGEILPLKTLTYVALGVTLAALLLTFFFLTLLRILRS
NQHGIRRNLTAALGLAQLVFLLGINQADLPFACTVIAILLHFLYLCTFSWALLEAL
HLYRALTEVRDVNTGPMRFYYMLGWGVPAFITGLAVGLDPEGYGNPDFCWLSI
YDTLIWSFAGPVAFAVSMSVFLYILAARASCAAQRQGFEKKGPVSGLQPSFAVLL
LLSATWLLALLSVNSDTLLFHYLFATCNCIQGPFIFLSYVVLSKEVRKALKLACSR
KPSPDPALTTKSTLTSSYNCPSPYADGRLYQPYGDSAGSLHSTSRSGKSQPSYIPF
LLREESALNPGQGPPGLGDPGSLFLEGQDQQHDPDTDSDSDLSLEDDQSGSYAST
HSSDSEEEEEEEEEEAAFPGEQGWDSLLGPGAERLPLHSTPKDGGPGPGKAPWPG
DFGTTAKESSGNGAPEERLRENGDALSREGSLGPLPGSSAQPHKGILKKKCLPTIS
EKSSLLRLPLEQCTGSSRGSSASEGSRGGPPPRPPPRQSLQEQLNGVMPIAMSIKA
GTVDEDSSGSEFLFFNFLH

Figure 1D

Peptides for antibodies that bind to cadherin3 (GenBank accession number NP_001784):

RAVFREAEVTLEAGGAEQE (SEQ ID NO:4)

QEPALFSTDNDDFTVRN (SEQ ID NO:5)

QKYEAHVPENAVGHE (SEQ ID NO:6)

Peptides for antibodies that bind to matrix metalloproteinase 14 (GenBank accession number NP_004986):

AYIREGHEKQADIMIFFAE (SEQ ID NO:7)

DEASLEPGYPKHIKELGR (SEQ ID NO:8)

RGSFMGSDEVFTYFYK (SEQ ID NO:9)

Peptides for antibodies that bind to anti-cadherin EGF LAG seven-pass G-type receptor 2 (GenBank accession number NP_001399):

QASSLRLEPGRANDGDWH (SEQ ID NO:10)

ELKGFAERLQRNESGLDSGR (SEQ ID NO:11)

RSGKSQPSYIPFLLREE (SEQ ID NO:12)

Peptides for antibodies that bind to anti-cytokeratin17:

KKEPVTTRQVRTIVEE (SEQ ID NO:13)

QDGKVISSREQVHQTTR (SEQ ID NO:14)

SSSIKGSSGLGGGSS (SEQ ID NO:15)

FIGURE 2

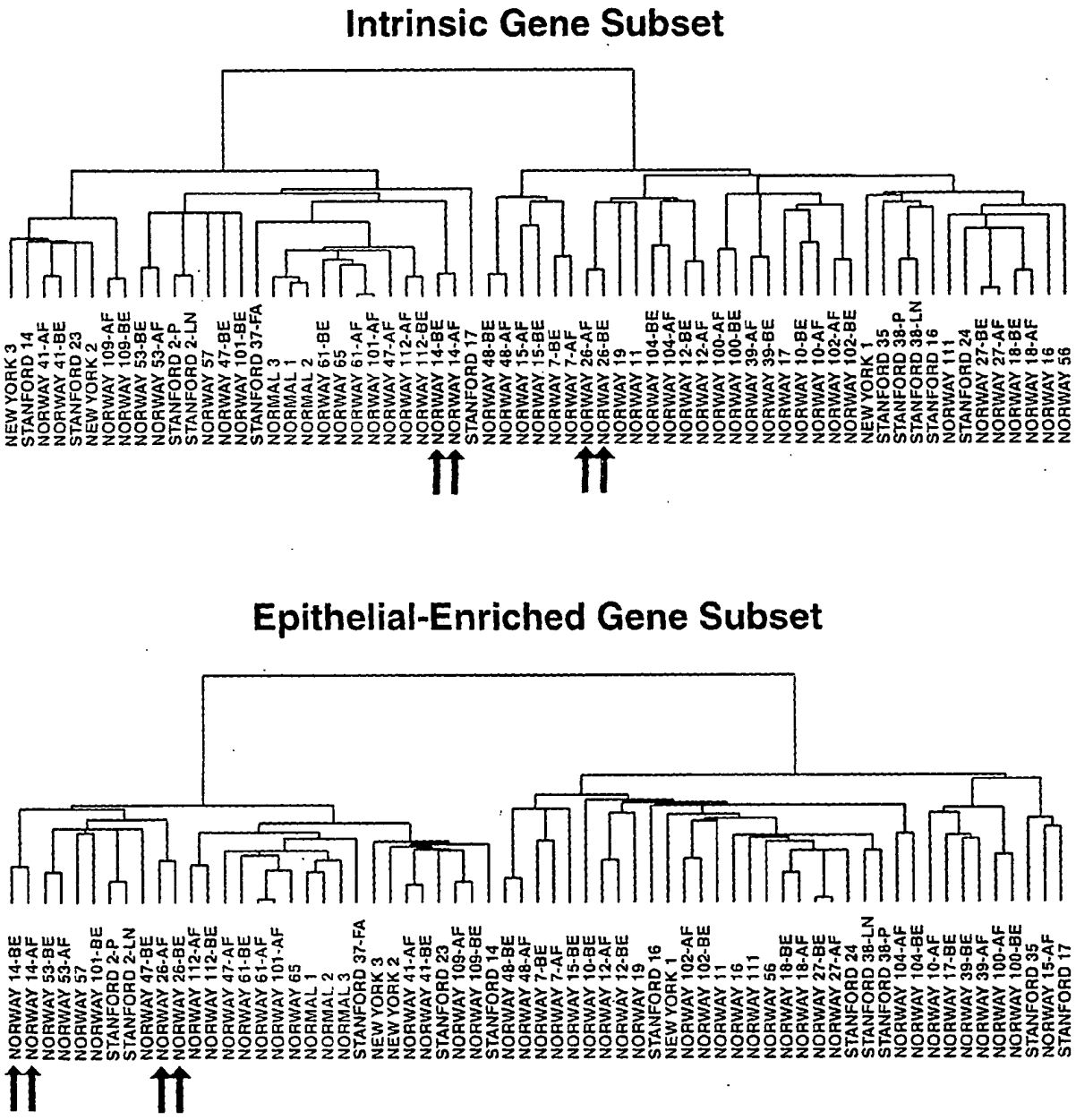
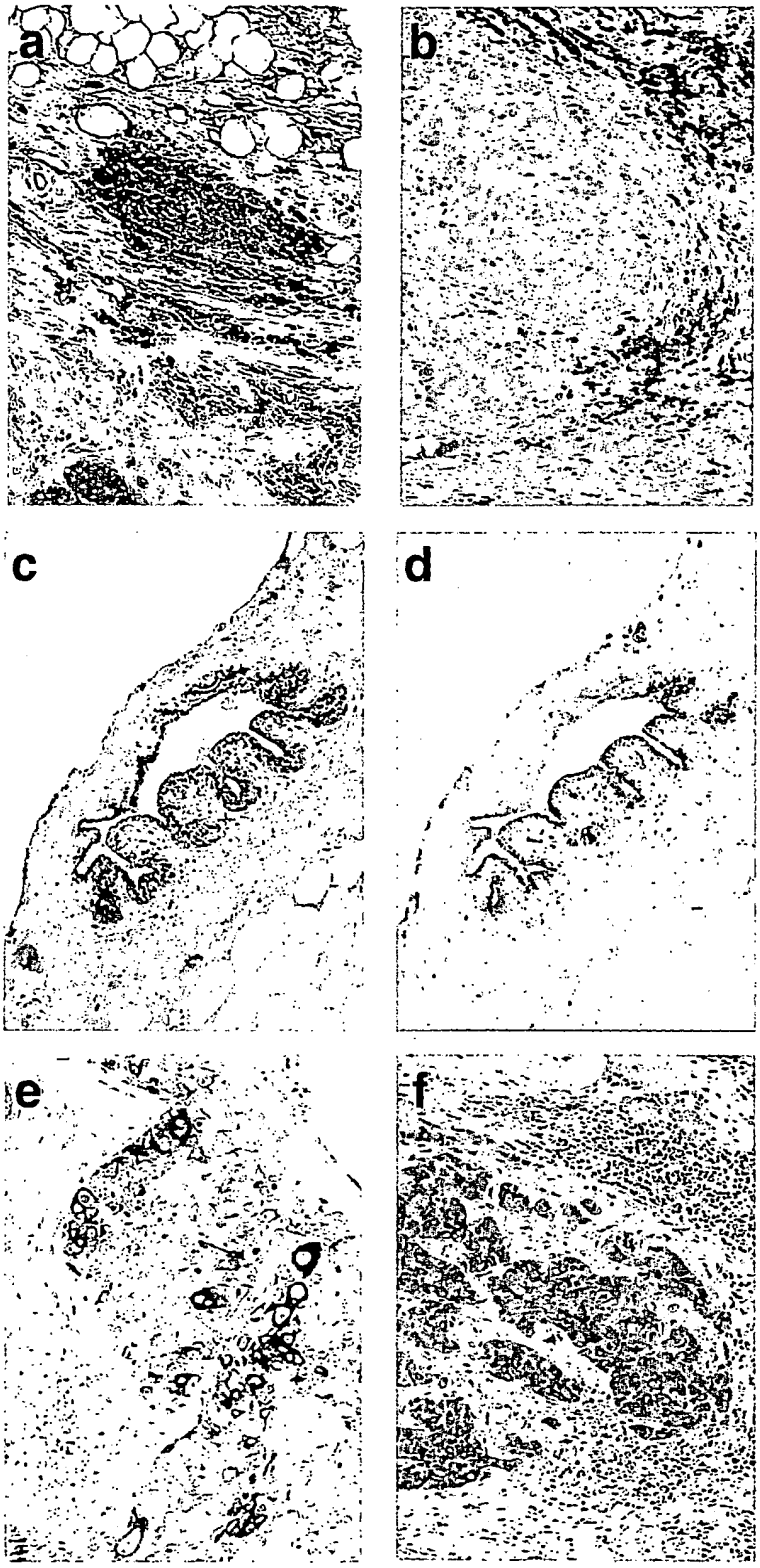

Intrinsic Gene Subset
NEW YORK 3
STANFORD 14
NORWAY 41-AF
NORWAY 41-BE
STANFORD 23
NEW YORK 2
NORWAY 109-AF
NORWAY 109-BE
NORWAY 53-BE
NORWAY 53-AF
STANFORD 2-P
STANFORD 2-LN
NORWAY 57
NORWAY 47-BE
NORWAY 101-BE
STANFORD 37-FA
NORMAL 3
NORMAL 1
NORMAL 2
NORWAY 61-BE
NORWAY 65
NORWAY 61-AF
NORWAY 101-AF
NORWAY 47-AF
NORWAY 112-AF
NORWAY 112-BE
NORWAY 14-BE
NORWAY 14-AF
STANFORD 17
NORWAY 48-BE
NORWAY 48-AF
NORWAY 15-AF
NORWAY 15-BE
NORWAY 7-BE
NORWAY 7-AF
NORWAY 26-AF
NORWAY 26-BE
NORWAY 19
NORWAY 11
NORWAY 104-BE
NORWAY 104-AF
NORWAY 12-BE
NORWAY 12-AF
NORWAY 100-AF
NORWAY 100-BE
NORWAY 39-AF
NORWAY 39-BE
NORWAY 17
NORWAY 10-BE
NORWAY 10-AF
NORWAY 102-AF
NORWAY 102-BE
NEW YORK 1
STANFORD 35
STANFORD 38-P
STANFORD 38-LN
STANFORD 16
NORWAY 111
STANFORD 24
NORWAY 27-BE
NORWAY 27-AF
NORWAY 18-BE
NORWAY 18-AF
NORWAY 16
NORWAY 56
Epithelial-Enriched Gene Subset
NORWAY 14-BE
NORWAY 14-AF
NORWAY 53-BE
NORWAY 53-AF
NORWAY 57
NORWAY 101-BE
STANFORD 2-P
STANFORD 2-LN
NORWAY 47-BE
NORWAY 26-AF
NORWAY 26-BE
NORWAY 112-AF
NORWAY 112-BE
NORWAY 47-AF
NORWAY 61-BE
NORWAY 61-AF
NORWAY 101-AF
NORWAY 65
NORMAL 1
NORMAL 2
NORMAL 3
STANFORD 37-FA
NEW YORK 3
NEW YORK 2
NORWAY 41-AF
NORWAY 41-BE
STANFORD 23
NORWAY 109-AF
NORWAY 109-BE
STANFORD 14
NORWAY 48-BE
NORWAY 48-AF
NORWAY 7-BE
NORWAY 7-AF
NORWAY 15-BE
NORWAY 10-BE
NORWAY 12-AF
NORWAY 12-BE
NORWAY 19
STANFORD 16
NEW YORK 1
NORWAY 102-AF
NORWAY 102-BE
NORWAY 11
NORWAY 16
NORWAY 111
NORWAY 56
NORWAY 18-BE
NORWAY 18-AF
NORWAY 27-BE
NORWAY 27-AF
STANFORD 24
STANFORD 38-LN
STANFORD 38-P
NORWAY 104-AF
NORWAY 104-BE
NORWAY 10-AF
NORWAY 17-BE
NORWAY 39-BE
NORWAY 39-AF
NORWAY 100-AF
NORWAY 100-BE
STANFORD 35
NORWAY 15-AF
STANFORD 17

Figure 3



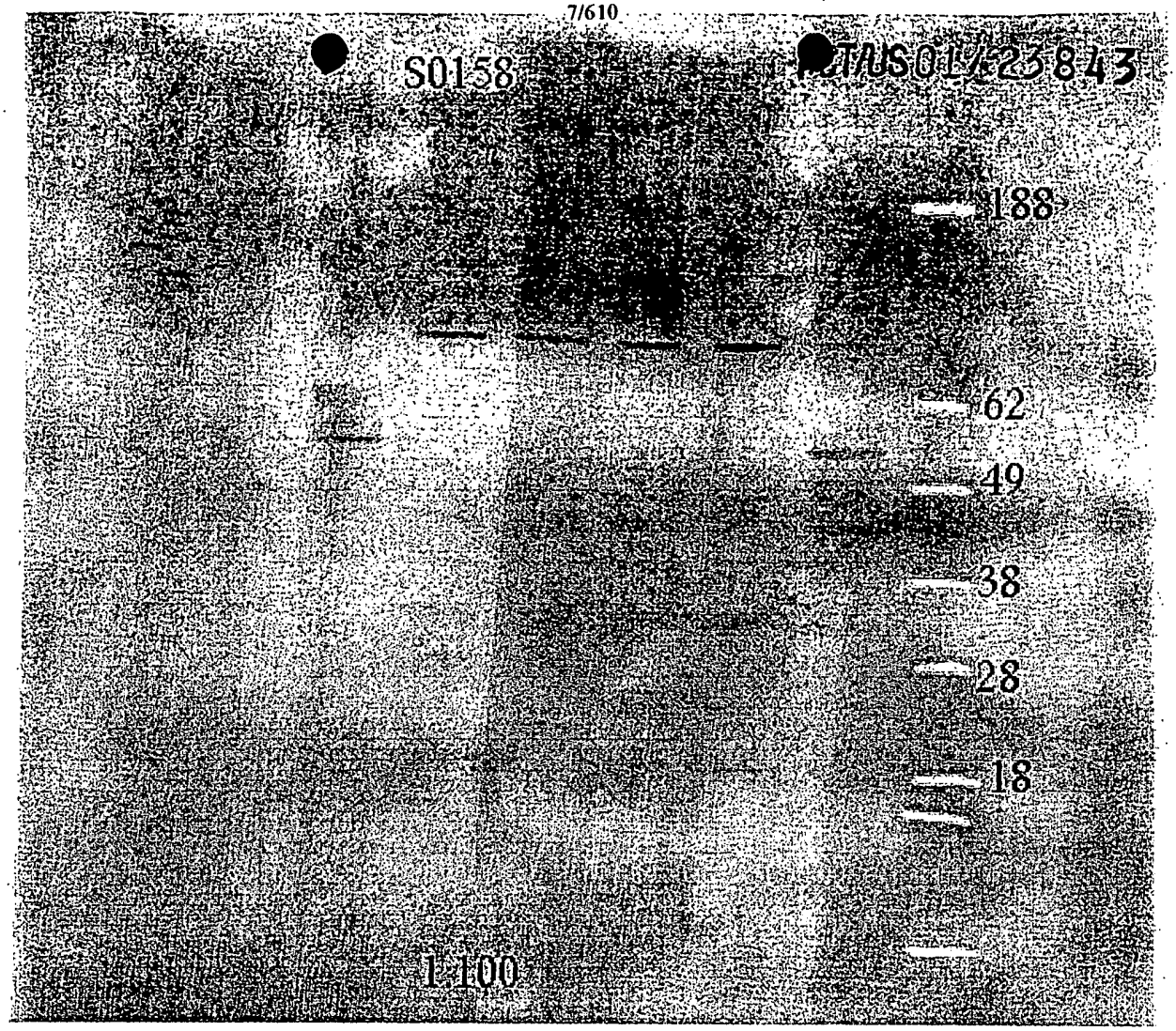


FIGURE 4A

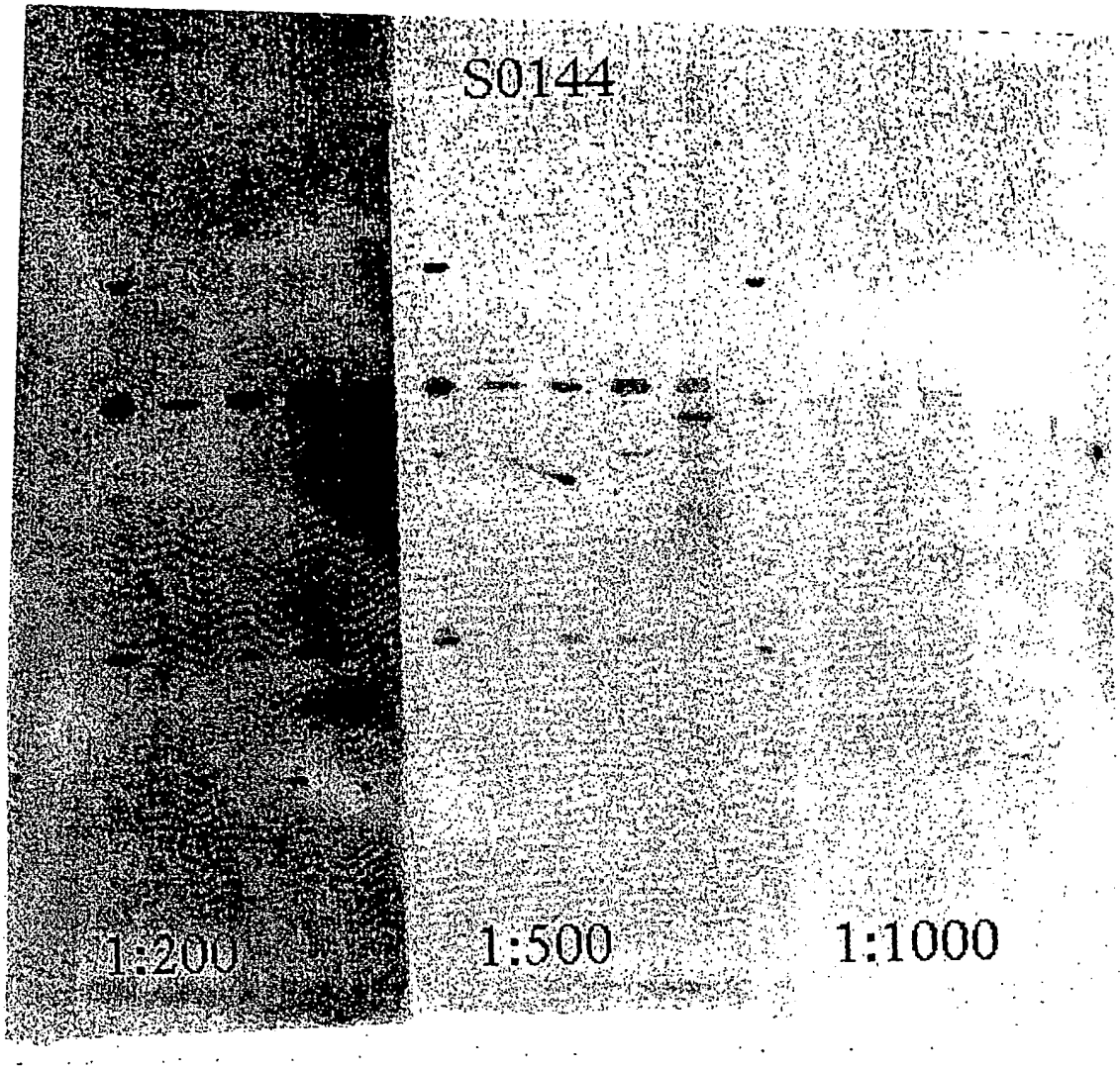


FIGURE 4B

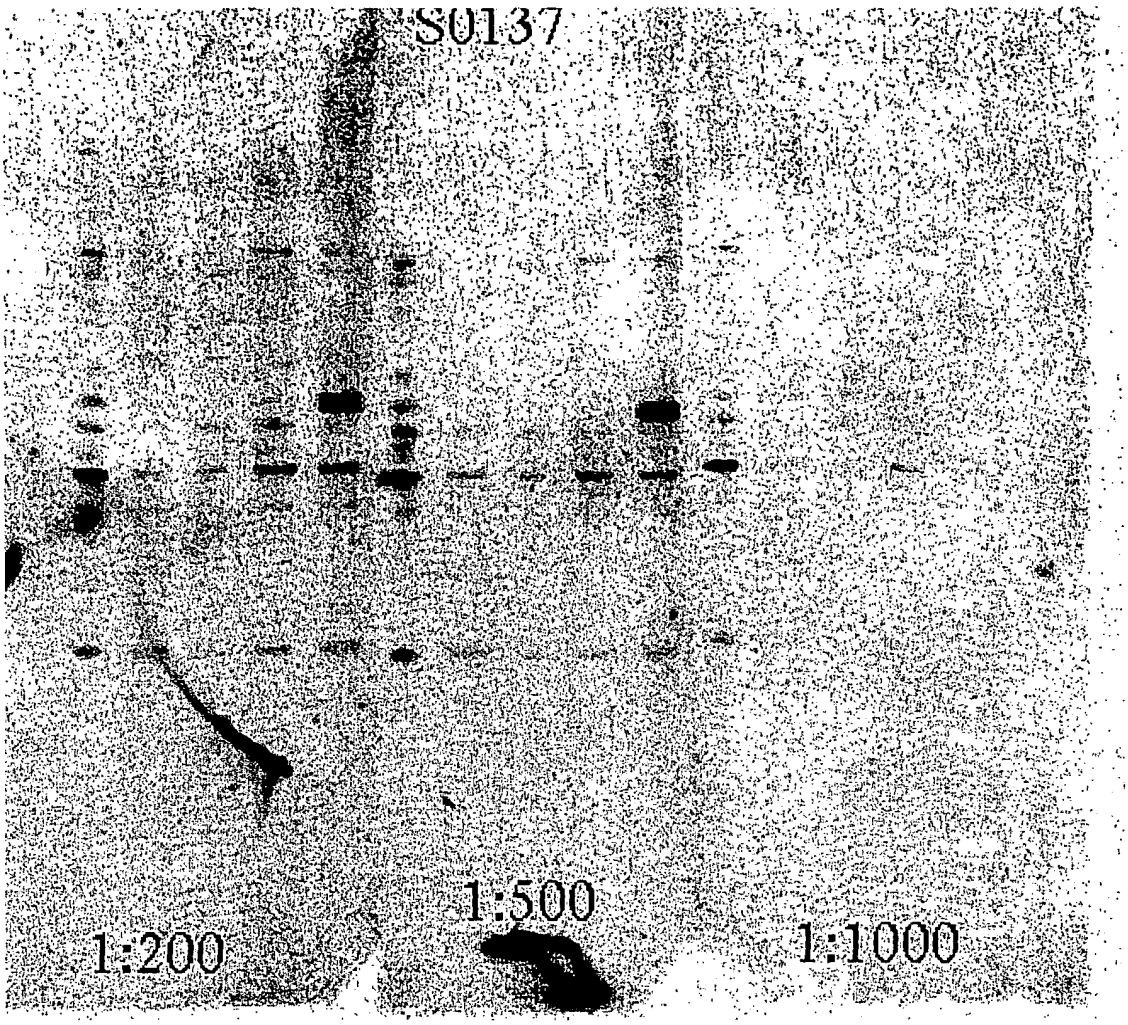


FIGURE 4C

Figure 5A

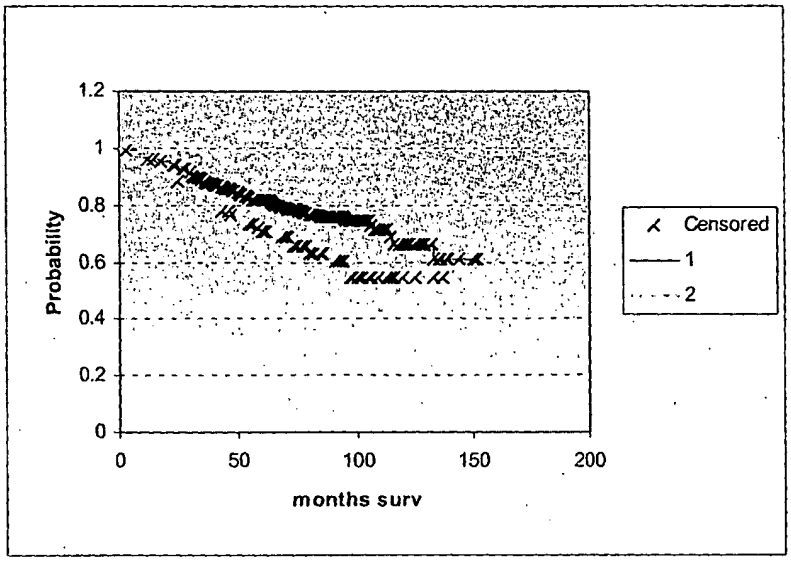
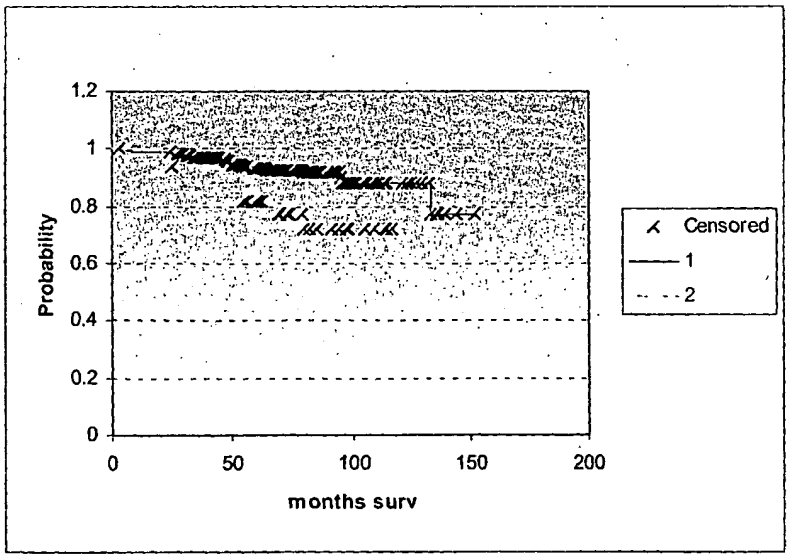


Figure 5B



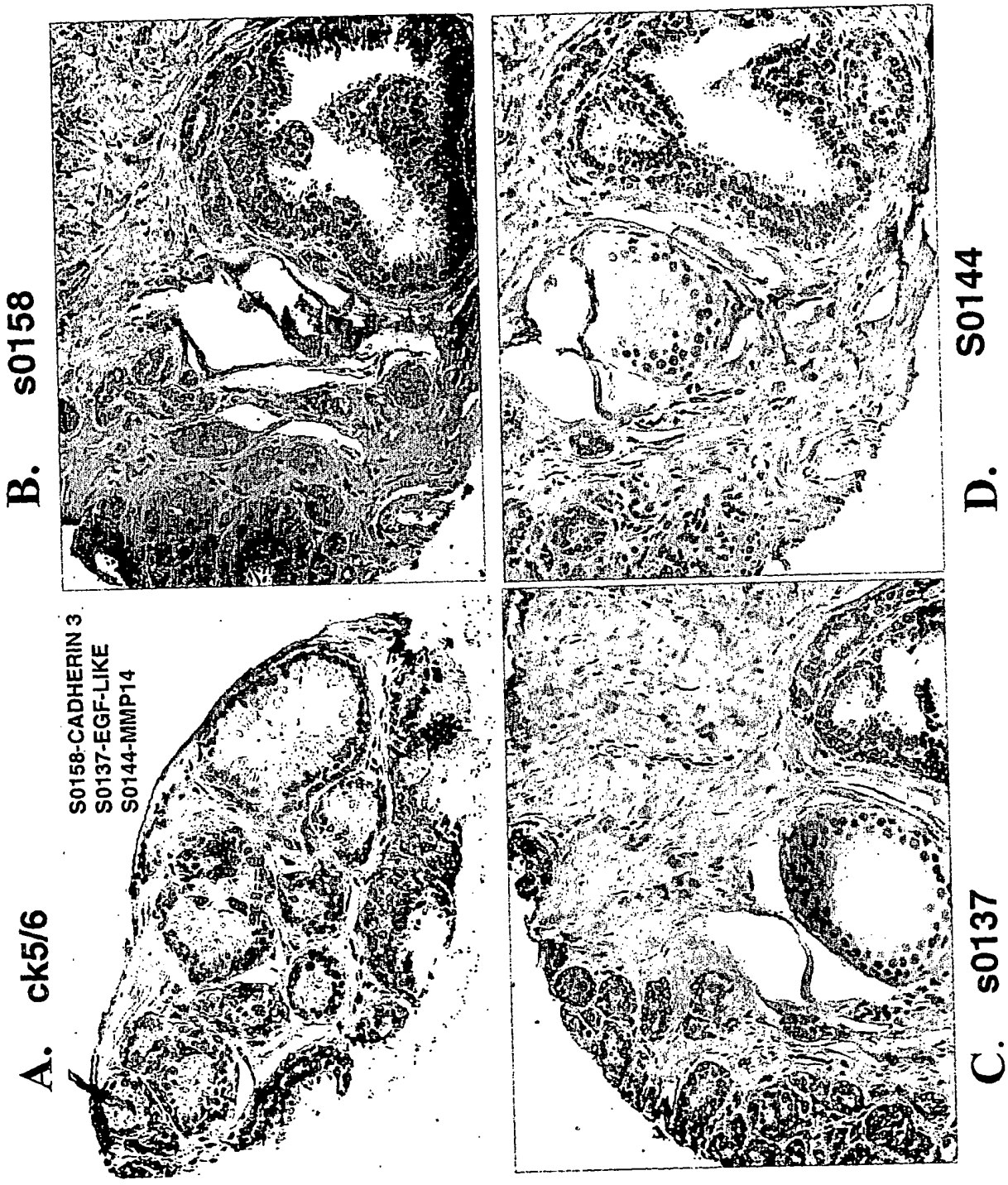

A. ck5/6
S0158-CADHERIN 3
S0137-EGF-LIKE
S0144-MMP14
B. s0158
C. s0137
D. S0144

FIGURE 6

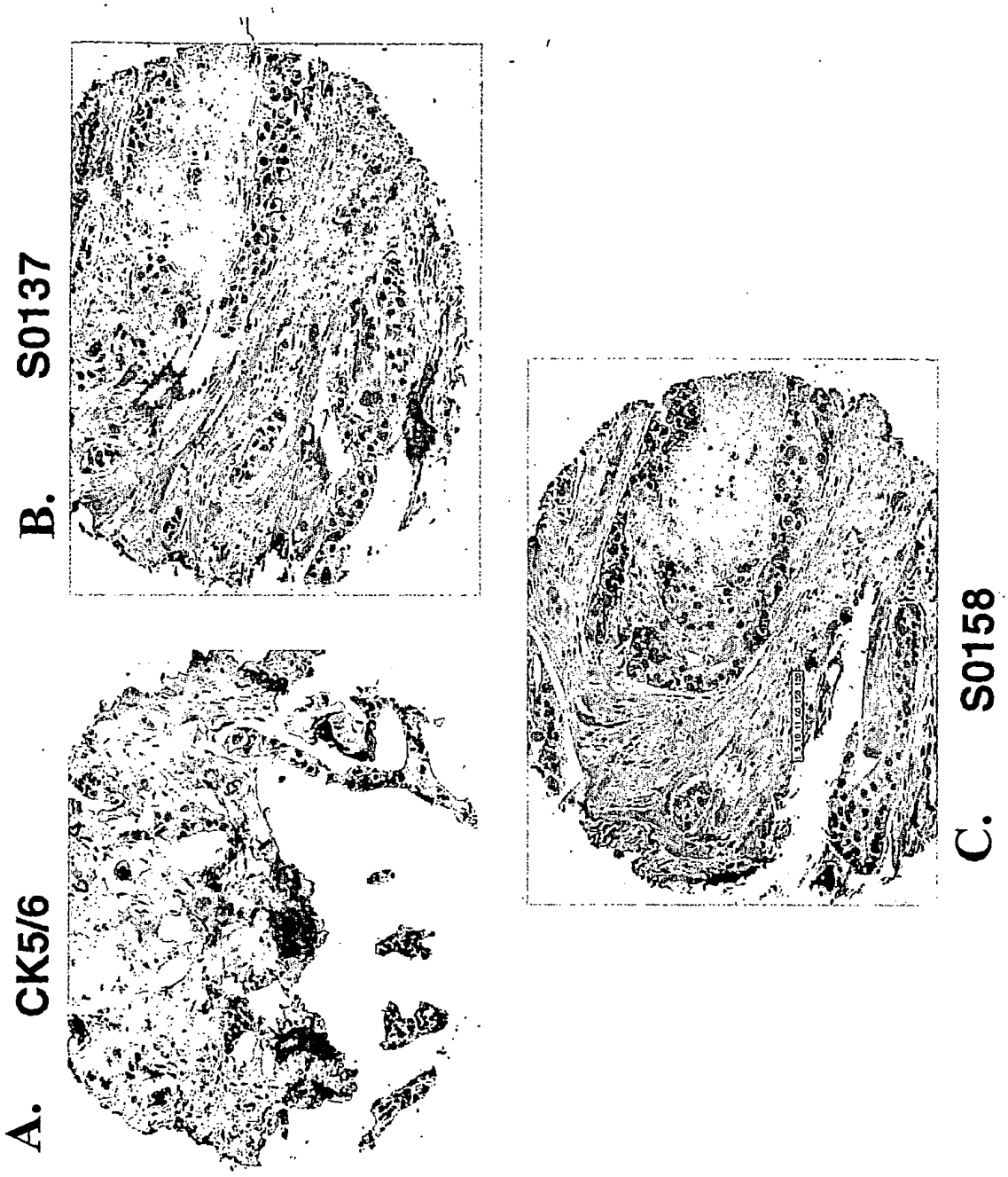


FIGURE 7

Table 3

Common Reference Cell Line List

Name	Description	ATCC# or Reference
MCF7	breast adenocarcinoma derived cell line	ATCC #HTB-22
Hs578T	breast carcinosarcoma derived cell line	ATCC #HTB-126
NTERA2	teratoma derived cell line	ATCC #CRL-1973
Colo205	colon tumor derived cell line	ATCC #CCL-222
OVCAR-3	ovarian tumor derived cell line	ATCC #HTB-161
UACC-62	melanoma derived cell line	Stinson et al. Anticancer Res. Jul-Aug;12(4):1035-53 1992
MOLT-4	T-cell leukemia derived cell line	ATCC #CRL-1582
RPMI-8226	multiple myeloma derived cell line	ATCC #CCL-155
NB4+ATRA	APL-like cell line	Lanotte et al. Blood. Mar 1;77(5):1080-6, 1991
SW872	liposarcoma derived cell line	ATCC #HTB-92
HepG2	liver tumor derived cell line	ATCC #HB-8065

Table 4

TUMOR + TISSUE SAMPLES				
Array ID	Sample ID/old name	Patient ID	New Name	Comments: before and after pair (Y or N), etc.
svcc98.2	BC107B-BE	norway 7	NORWAY 7-BE	yes
svcc63.2	BC107A-AF	norway 7	NORWAY 7-AF	
svcc78.2	BC110B-BE	norway 10	NORWAY 10-BE	yes
svcc77.2	BC110A-AF	norway 10	NORWAY 10-AF	
svcc122.2	BC111A-BE	norway 11	NORWAY 11	no, no after
svcc68.2	BC111B-BE	norway 19	NORWAY 19	no, no after
svcc53.2	BC112B-BE	norway 12	NORWAY 12-BE	yes
svcc97.2	BC112A-AF	norway 12	NORWAY 12-AF	
svcc81.2	BC114A-BE	norway 14	NORWAY 14-BE	yes
svcc52.2	BC114B-AF	norway 14	NORWAY 14-AF	
svcc106.2	BC115B-BE	norway 15	NORWAY 15-BE	yes
svcc64.2	BC115A-AF	norway 15	NORWAY 15-AF	
svcc108.2	BC116A-BE	norway 16	NORWAY 16	no, no after
svcc88.2	BC117A-BE	norway 17	NORWAY 17	no, no after
svcc134.2	BC118B-BE	norway 18	NORWAY 18-BE	yes
svcc112.2	BC118A-AF	norway 18	NORWAY 18-AF	
svcc89.2	BC123B-BE	norway 26	NORWAY 26-BE	yes
svcc91.2	BC123A-AF	norway 26	NORWAY 26-AF	
svcc111.2	BC124A-BE	norway 27	NORWAY 27-BE	yes
svcc109.2	BC124B-AF	norway 27	NORWAY 27-AF	
svcc1077.2	BC1257	new york 1	NEW YORK 1	no
svcc132.2	BC1369	new york 2	NEW YORK 2	no
svcc61.2	BC14	stanford 14	STANFORD 14	no
svcc137.2	BC16	stanford 16	STANFORD 16	no
svcc119.2	BC17	stanford 17	STANFORD 17	no
svcc96.2	BC2	stanford 2	STANFORD 2-P	primary tumor
svcc113.2	BC2-LN2	stanford 2	STANFORD 2-LN	lymph node metastasis
svcc93.2	BC206A-BE	norway 39	NORWAY 39-BE	yes
svcc135.2	BC206B-AF	norway 39	NORWAY 39-AF	
svcc107.2	BC208A-BE	norway 41	NORWAY 41-BE	yes
svcc125.2	BC208B-AF	norway 41	NORWAY 41-AF	
svcc76.2	BC213B-BE	norway 47	NORWAY 47-BE	yes
svcc79.2	BC213A-AF	norway 47	NORWAY 41-AF	
svcc92.2	BC214B-BE	norway 48	NORWAY 48-BE	yes
svcc103.2	BC214A-AF	norway 48	NORWAY 48-AF	
svcc99.2	BC23	stanford 23	STANFORD 23	no
svcc100.2	BC24	stanford 24	STANFORD 24	no.

Table 4

svcc131.2	BC305A-BE	norway 53	NORWAY 53-BE	yes
svcc58.2	BC305B-AF	norway 53	NORWAY 53-AF	
svcc87.2	BC308B-BE	norway 56	NORWAY 56	no, no after
svcc51.2	BC309A-BE	norway 57	NORWAY 57	no, no after
svcc118.2	BC35-0	stanford 35	STANFORD 35	no
svcc117.2	BC37-FA	stanford 37	STANFORD 37-FA	no
svcc115.2	BC38	stanford 38	STANFORD 38-P	Lymph node met of tumor/LNmet pair 2
svcc116.2	BC38-LN38	stanford 38	STANFORD 38-LN	is a LN met with NO corresponding primary tumor sample
svcc83.2	BC402B-BE	norway 61	NORWAY 61-BE	yes
svcc66.2	BC403B-AF	norway 61	NORWAY 61-AF	
svcc123.2	BC406A-BE	norway 65	NORWAY 65	no, no after
svcc104.2	BC708B-BE	norway 100	NORWAY 100-BE	yes
svcc86.2	BC708A-AF	norway 100	NORWAY 100-AF	
svcc84.2	BC709B-BE	norway 101	NORWAY 101-BE	yes
svcc85.2	BC709A-AF	norway 101	NORWAY 101-AF	
svcc101.2	BC710A-BE	norway 102	NORWAY 102-BE	yes
svcc82.2	BC710B-AF	norway 102	NORWAY 102-AF	
svcc120.2	BC711B-BE	norway 104	NORWAY 104-BE	yes
svcc65.2	BC711A-AF	norway 104	NORWAY 104-AF	
svcc130.2	BC790	new york 3	NEW YORK 3	no
svcc105.2	BC805A-BE	norway 109	NORWAY 109-BE	yes
svcc121.2	BC805B-AF	norway 109	NORWAY 109-AF	
svcc55.2	BC807A-BE	norway 111	NORWAY 111	no, no after
svcc124.2	BC808A-BE	norway 112	NORWAY 112-BE	yes
svcc126.2	BC808A-AF	norway 112	NORWAY 112-AF	
svcc70.2	Normal Breast 1	clontech 1	NORMAL 1	Normal Breast 1 (6 pooled whole nomal breasts specimens)
svcc127.2	Normal Breast2	clontech 2	NORMAL 2	Normal Breast 2 (2 pooled whole nomral breast specimens)
svcc18.2	NorwNorBst1	norway NB	NORMAL 3	NorwNorBst1 (sample from a single individual)
CELL LINE SAMPLES				
svcc128.2	BT-474	Cell line	BT-474	cell line; luminal epithelial, ERBB2 positive
svcc69.2	BT-549	Cell line	BT-549	cell line; breast derived
svcc500.2	HMEC+INFa	Cell line	HMEC+IFNα	cell line; HMEC-C isolate, basal epithelial cell line plus IFN alpha
svcc94.2	HMEC-C	Cell line	HMEC-C	cell line; HMEC-C isolate, basal epithelial cell line untreated
svcc47.2	HMEC-C_Confl2	Cell line	HMEC-C CON	cell line; HMEC-C isolate, basal epithelial cell line after 2 days at 100% confluence
svcc41.2	HMVEC	Cell line	HMVEC	cell line; dermal microvacsular endothelial cells
svcc110.2	Hs578T	Cell line	Hs578T	cell line; breast carcinosarcoma derived
svcc42.2	HUVEC	Cell line	HUVEC	cell line; human umbilical vein derived endothelial cell line
svcc1299.2	MCF7-NCI	Cell line	MCF7	cell line; luminal epithelial, Estrogen receptor positive

Table 4

svcc73.2	MDA-MB-321	Cell line	MDA-MB-231	cell line; breast derived
svcc72.2	MOLT4	Cell line	MOLT4	cell line; t-cell leukemia derived
svcc67.2	NB4+ATRA	Cell line	NB4+ATRA	cell line; neutrophil-like after Retinoic Acid induced differentiation (72 hours)
svcc54.2	RPMI-8226	Cell line	RPMI-8226	cell line; b-cell like (derived from a multiple myeloma)
svcc15.2	SK-BR-3	Cell line	SK-BR-3	cell line; luminal epithelial, ERBB2 positive
svcc74.2	SW872	Cell line	SW872	cell line;liposacroma derived cell line
svcc71.2	T47D	Cell line	T47D	cell line; luminal epithelial, Estrogen receptor positive
svcc38.2	184A1-LATE	Cell line	184A1	cell line; basal epithelial, immortal derivative of 184Aa
svcc17.2	184Aa	Cell line	184Aa	cell line; basal epithelial, a second HMEC isolate unrelated to HMEC-C
svcc40.2	184B5	Cell line	184B5	cell line; basal epithelial, immortal derivative of 184Aa

Legend for Table 5

1= tumor name as it appears in the figures
2= clinical estrogen receptor status (determined by dextran binding assay or immunohistochemistry)
3= average R/G ratio of two independent sequence verified *ESR1* clones (the correlation between clinical ER status and the microarray data is best if one calls a R/G ratio of 2.25 or greater "positive" for estrogen receptor status)
4= *Erb-B2* clinical status as determined using immunohistochemistry
5= average R/G ratio of four independent sequence verified *Erb-B2* clones (the correlation between clinical ERBB2 status and the microarray data is best if one calls a microarray ratio of 3.15 or greater "positive")
6= tumor grade
7= differentiation status
8= patient survival status: NED=no evidence of disease, AWD=alive with disease, DOD=dead of disease, DOC=dead of other cause
9= survival time in months
10= age at diagnosis
11=doxorubicin response: PR = reduction in tumor of 50% or more, PD = increase in tumor size over the course of the doxorubicin therapy, NT = not tested (described in T. Aas et al., Nature Medicine Vol. 2, p811-814 (1996))
12= p53 mutational status summary
13= p53 gene codon affected by mutation, if present
14= p53 gene nucleotide change identified
15= effect on p53 amino acid sequence, if applicable
16= additional findings and notes

Table 5

1	TUMOR ID	NEW YORK 3	STANFORD 14	NORWAY 41	STANFORD 23	NEW YORK 2	NORWAY 109	NORWAY 53
2	ESR Clinical	negative	negative	positive	negative	negative	negative	positive
3	ESR Array	0.42	1.25	1.1	0.83	1	0.44	0.93
4	ERBB2 Clinical	not tested	not tested	negative	negative	not tested	negative	positive
5	ERBB2 Array	3.4	6.1	2.97	1.48	1.7	1.35	21.5
6	Tumor Grade	3	2	3	3	3	3	3
7	Differentiation	DUCTAL	DUCTAL	DUCTAL	DUCTAL	DUCTAL	DUCTAL	ductal
8	Survival Status	DOD	AWD	DOD	NED	DOD	NED	DOD
9	Survival Time	6	28	9	14	12	26	34
10	Age at Diagnosis	80	57	49	34	54	48	32
11	Doxorubicin Response	NT	NT	PR	NT	NT	PR	PR
12	p53 Status	missense	missense	missense	frameshift	not tested	nonsense	frameshift
13	p53 Codon	178	248	273	294		213	239-242
14	p53 Mutation	CAC->CCC	CGG-CAG	CGT->CAT	G deletion		CGA->TGA	11bp del
15	p53 A.A. Seq	his->pro	arg->gln	arg->his	frameshift		arg->stopp	frameshift
16	Special Notes					had a high p53 immunostaining value		

Table 5

	TUMOR ID	STANFORD 2	NORWAY 57	NORWAY 47	NORWAY 101	STANFORD 37-FA	NORWAY 61	NORWAY 65
2	ESR Clinical	negative	negative	positive	positive	not tested	positive	negative
3	ESR Array	1	0.88	2.28	0.47	2.25	2.27	8.6
4	ERBB2 Clinical	positive	positive	not tested	positive	not tested	positive	negative
5	ERBB2 Array	22.6	15.5	9.5	23.3	4.44	12.1	1.52
6	Tumor Grade	3	3	not tested	3		2	3
7	Differentiation	ductal	ductal	DCIS	ductal	fibroadenoma	lobular	ductal
8	Survival Status	DOD	DOD	NED	AWD	NED	NED	DOD
9	Survival Time	6	10	66	20	14	57	23
10	Age at Diagnosis	44	46	51	73	32	58	66
11	Doxorubicin Response	NT	PD	PR	PR	NT	PR	PD
12	p53 Status	missense	missense	WT	nonsense	not tested	WT	WT
13	p53 Codon	273	248		136			
14	p53 Mutation	CGT->TGT	CGG->CAG		CAA->TAA			
15	p53 A.A. Seq	arg->cys	arg->gln		gln->stopp			
16	Special Notes					benign lesion		

Table 5

	TUMOR ID	NORWAY 112	NORWAY 14	STANFORD 17	NORWAY 48	NORWAY 15	NORWAY 7	NORWAY 26
2	ESR Clinical	positive	positive	positive	negative	positive	positive	positive
3	ESR Array	3.35	0.71	9.1	0.81	5.48	6	9.1
4	ERBB2 Clinical	negative	negative	not tested	negative	negative	negative	positive
5	ERBB2 Array	1.75	8.15	4.6	2.7	1.57	1.9	10.8
6	Tumor Grade	3	2	2	3	3	2	2
7	Differentiation	DUCTAL	ductal	ductal	ductal	ductal	ductal	ductal
8	Survival Status	NED	DOD	NED	DOD	NED	AWD	DOD
9	Survival Time	22	12	35	7	79	89	43
10	Age at Diagnosis	37	82	53	54	47	66	72
11	Doxorubicin Response	PD	PR	NT	PD	PR	PR	PD
12	p53 Status	WT	WT	WT	WT	missense	missense	frameshift
13	p53 Codon					163	273	217-221
14	p53 Mutation					TAC->TGC	CGT->CAT	14bp del
15	p53 A.A. Seq					tyr->cys	arg->his	frameshift
16	Special Notes				p16 mutant (145 ile->val)			

Table 5

1	TUMOR ID	NORWAY 19	NORWAY 11	NORWAY 104	NORWAY 12	NORWAY 100	NORWAY 39	NORWAY 17
2	ESR Clinical	positive	positive	positive	positive	positive	positive	positive
3	ESR Array	7.9	8.65	10.8	31.88	19	12	32.9
4	ERBB2 Clinical	negative	positive	positive	positive	negative	negative	negative
5	ERBB2 Array	1.43	3.3	3.15	3.9	1.45	1.46	2.5
6	Tumor Grade	3	3	3	3	3	2	2
7	Differentiation	ductal	ductal	ductal	ductal	ductal	ductal	ductal
8	Survival Status	DOD	DOD	NED	DOD	DOD	NED	NED
9	Survival Time	20	15	31	8	17	67	80
10	Age at Diagnosis	74	67	44	75	47	85	76
11	Doxorubicin Response	PD	PD	PD	PR	PR	PR	PR
12	p53 Status	missense	nonsense	WT	WT	nonsense	missense	WT
13	p53 Codon	249	204			165	237	
14	p53 Mutation	AGG->GGG	GAG->TAG			CAG->TAG	ATG->ATT	
15	p53 A.A. Seq	arg->gly	glu->stopp			gln->stopp	met->ile	
16	Special Notes							

Table 5

	TUMOR ID	NORWAY 10	NORWAY 102	NEW YORK 1	STANFORD 35	STANFORD 38	STANFORD 16	NORWAY 111
2	ESR Clinical	positive	positive	not tested	positive	positive	positive	positive
3	ESR Array	4.6	12.3	16	10.93	14.5	21.6	18.9
4	ERBB2 Clinical	negative	negative	not tested	positive	positive	not tested	negative
5	ERBB2 Array	2.2	2.2	2.4	2.47	5.76	1.68	0.87
6	Tumor Grade	2	3	2	3	2	3	3
7	Differentiation	lobular	ductal	ductal	ductal	ductal	ductal	ductal
8	Survival Status	DOD	NED	AWD	?	?	DOD	NED
9	Survival Time	30	29	188	?	10	14	30
10	Age at Diagnosis	58	65	46	52	45	77	55
11	Doxorubicin Response	PR	PR	NT	NT	NT	NT	PR
12	p53 Status	WT	WT	not tested	missense	WT	missense	WT
13	p53 Codon				173		273	
14	p53 Mutation				GTG->ATG		CGT->TGT	
15	p53 A.A. Seq				val->met		arg->cys	
16	Special Notes			tumor sample tested was from a metastasis to ovary				

Table 5

1	TUMOR ID	STANFORD 24	NORWAY 27	NORWAY 18	NORWAY 16	NORWAY 56
2	ESR Clinical	positive	positive	positive	positive	positive
3	ESR Array	16.99	29	27.81	18.9	33
4	ERBB2 Clinical	negative	negative	negative	negative	negative
5	ERBB2 Array	1.88	2.8	2.32	3.96	1.49
6	Tumor Grade	2	1	2	3	3
7	Differentiation	ductal	ductal	ductal	ductal	ductal
8	Survival Status	NED	AWD	DOC	NED	NED
9	Survival Time	13	73	33	78	61
10	Age at Diagnosis	69	77	66	74	64
11	Doxorubicin Response	NT	PR	PR	PR	PR
12	p53 Status	WT	WT	WT	WT	WT
13	p53 Codon					
14	p53 Mutation					
15	p53 A.A. Seq					
16	Special Notes					

Table 6

	GID	UID	NAME
	AID		
	EWEIGHT		
1	GENE369X	GF201:96(97D9):384(13H18)	AMYLO-1,6-GLUCOSIDASE, 4-ALPHA-GLUCANOTRANSFERASE (GLYCOGEN DEBRANCHING ENZYME, GLYCOGEN STORAGE DISEASE TYPE III) AA668425
2	GENE437X	PEROU:96(4C5):384(19F9)	GDNF FAMILY RECEPTOR ALPHA 1 AA512935
3	GENE15X	GF200:96(12C7):384(3F13)	GLUTATHIONE S-TRANSFERASE THETA 2 AA490777
4	GENE174X	GF200:96(7H5):384(2P10)	HUMAN CLONE 23907 MRNA SEQUENCE R06567
5	GENE74X	GF200:96(19B3):384(5D6)	A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 15 (METARGIDIN) AA292676
6	GENE449X	PEROU:96(6C4):384(20E8)	B-FACTOR, PROPERDIN H80257
7	GENE367X	GF201:96(97C2):384(13F4)	B-FACTOR, PROPERDIN AA401441
8	GENE57X	GF200:96(17D7):384(5G13)	MUCIN 1, TRANSMEMBRANE AA488073
9	GENE425X	PEROU:96(1G8):384(19M15)	156053 R72491
10	GENE385X	GF202:96(109D11):384(15G21)	SELENIUM BINDING PROTEIN 1 T65736
11	GENE356X	GF201:96(96E2):384(13I4)	ZA {REGION BETWEEN EXONS 35 AND 36 OF THE COMPLEMENT COMPONENT C4 GE} [HUMAN, FETAL ADRENAL GLAND, MRNA, 830 NT] AA664406
12	GENE131X	GF200:96(29D11):384(8G21)	ESTS, HIGHLY SIMILAR TO TRANSCRIPTION ELONGATION FACTOR TFIIS.H [H.SAPIENS] R09980
13	GENE162X	GF200:96(6D1):384(2G2)	KIAA0307 GENE PRODUCT AA019774
14	GENE252X	GF201:96(68E7):384(24I14)	H2A HISTONE FAMILY, MEMBER L N50797
15	GENE284X	GF201:96(85D6):384(10H12)	H2B HISTONE FAMILY, MEMBER Q AA010223
16	GENE172X	GF200:96(7D9):384(2H18)	H2B HISTONE FAMILY, MEMBER Q AA456695
17	GENE368X	GF201:96(97C6):384(13F12)	B-CELL CLL/LYMPHOMA 2 W63749
18	GENE403X	GF202:96(114A6):384(16A12)	ESTS, WEAKLY SIMILAR TO MEMBRANE GLYCOPROTEIN [M.MUSCULUS] AA159578
19	GENE383X	GF201:96(99H6):384(14O11)	51700 H22854
20	GENE474X	PEROU:96(8C5):384(20F9)	NEBULETTE N77806
21	GENE138X	GF200:96(31C3):384(8F6)	HUMAN DNA SEQUENCE FROM CLONE 167A19 ON CHROMOSOME 1P32.1-33. CONTAINS THREE GENES FOR NOVEL PROTEINS, THE DIO1 GENE FOR TYPE I IODOTHYRONINE DEIODINASE (EC 3.8.1.4, TXDI1, ITDI1) AND AN HNRNP A3 (HETEROGENOUS NUCLEAR RIBONUCLEOPR N74025
22	GENE293X	GF201:96(87B9):384(11C17)	PROLACTIN RECEPTOR R63647
23	GENE482X	PEROU:96(9B3):384(18D6)	202658 H53479
24	GENE471X	PEROU:96(8B3):384(20D5)	202658 H53479
25	GENE391X	GF202:96(111A12):384(15B24)	609283 AA167189
26	GENE316X	GF201:96(89G11):384(11N22)	MYOSIN VI AA625890
27	GENE132X	GF200:96(29E4):384(8I7)	470216 AA028987
28	GENE444X	PEROU:96(6B10):384(20C20)	N-ACETYLTRANSFERASE 1 (ARYLAMINE N-ACETYLTRANSFERASE) R91803
29	GENE217X	GF201:96(57B11):384(21D22)	HOMO SAPIENS MRNA; CDNA DKFZP434A091 (FROM CLONE DKFZP434A091) AA431988
30	GENE232X	GF201:96(64C7):384(23E14)	358936 W92233
31	GENE140X	GF200:96(32E12):384(8J23)	SEVEN IN ABSENTIA (DROSOPHILA) HOMOLOG 2 AA029041
32	GENE122X	GF200:96(26H10):384(7O20)	HEPSIN (TRANSMEMBRANE PROTEASE, SERINE 1) H62162

Table 6

33	GENE228X	GF201:96(61A3):384(22B6)	417081 W87826
34	GENE475X	PEROU:96(8D12):384(20H23)	470105 AA029949
35	GENE304X	GF201:96(88E10):384(11I20)	HUMAN SECRETORY PROTEIN (P1.B) MRNA, COMPLETE CDS N74131
36	GENE465X	PEROU:96(7F6):384(20L12)	HEPATOCYTE NUCLEAR FACTOR 3, ALPHA T74639
37	GENE271X	GF201:96(82C9):384(9F17)	X-BOX BINDING PROTEIN 1 W90128
38	GENE439X	PEROU:96(4D8):384(19H15)	ESTROGEN RECEPTOR 1 AA291702
39	GENE351X	GF201:96(96A7):384(13A14)	ESTROGEN RECEPTOR 1 AA291749
40	GENE17X	GF200:96(12E12):384(3J23)	GATA-BINDING PROTEIN 3 H72474
41	GENE479X	PEROU:96(9A4):384(18B8)	GATA-BINDING PROTEIN 3 R31441
42	GENE441X	PEROU:96(6A11):384(20A22)	GATA-BINDING PROTEIN 3 R31442
43	GENE483X	PEROU:96(9B5):384(18D10)	ANNEXIN XXXI N76688
44	GENE178X	GF200:96(8C12):384(2F23)	HUMAN BREAST CANCER, ESTROGEN REGULATED LIV-1 PROTEIN (LIV-1) MRNA, PARTIAL CDS H29407
45	GENE250X	GF201:96(67E2):384(24I3)	346321 W74079
46	GENE374X	GF201:96(98C7):384(13F13)	HUMAN CHROMOSOME 16 BAC CLONE CIT987SK-254P9 H23265
47	GENE196X	GF201:96(101C12):384(14F24)	71863 T52564
48	GENE267X	GF201:96(81E4):384(9J8)	271989 N31935
49	GENE3X	GF200:96(10C3):384(3E6)	ESTS, HIGHLY SIMILAR TO INOSITOL POLYPHOSPHATE 4-PHOSPHATASE TYPE II-ALPHA [H.SAPIENS] R86721
50	GENE481X	PEROU:96(9B2):384(18D4)	179211 H50224
51	GENE470X	PEROU:96(8B2):384(20D3)	179211 H50224
52	GENE222X	GF201:96(58D2):384(21H3)	MURINE LEUKEMIA VIRAL (BMI-1) ONCOGENE HOMOLOG T87515
53	GENE56X	GF200:96(17D5):384(5G9)	MURINE LEUKEMIA VIRAL (BMI-1) ONCOGENE HOMOLOG AA478036
54	GENE14X	GF200:96(12A2):384(3B3)	LUTHERAN BLOOD GROUP (AUBERGER B ANTIGEN INCLUDED) H24954
55	GENE372X	GF201:96(97G8):384(13N16)	HOMO SAPIENS (PWD) GENE MRNA, 3' END N26536
56	GENE238X	GF201:96(65D7):384(23H14)	782547 AA431796
57	GENE40X	GF200:96(14G9):384(4M18)	ACYL-COENZYME A DEHYDROGENASE, SHORT/BRANCHED CHAIN H96140
58	GENE277X	GF201:96(83C1):384(10E1)	CARNITINE PALMITOYLTRANSFERASE II N70848
59	GENE381X	GF201:96(99D10):384(14G19)	ALDO-KETO REDUCTASE FAMILY 7, MEMBER A2 (AFLATOXIN ALDEHYDE REDUCTASE) T62865
60	GENE31X	GF200:96(13D9):384(4G17)	CYTOCHROME P450, SUBFAMILY IIA (PHENOBARBITAL-INDUCIBLE), POLYPEPTIDE 7 T73031
61	GENE81X	GF200:96(1F2):384(1K3)	ANGIOTENSIN RECEPTOR 1 H66116
62	GENE319X	GF201:96(90E9):384(11J17)	LYMPHOID NUCLEAR PROTEIN RELATED TO AF4 H99588
63	GENE163X	GF200:96(6D3):384(2G6)	HUMAN MRNA FOR KIAA0303 GENE, PARTIAL CDS AA418846
64	GENE26X	GF200:96(12H10):384(3P19)	EPOXIDE HYDROLASE 2, CYTOPLASMIC R73525
65	GENE325X	GF201:96(91H2):384(12O3)	DUAL SPECIFICITY PHOSPHATASE 4 AA444049
66	GENE165X	GF200:96(6D8):384(2G16)	EGF-LIKE-DOMAIN, MULTIPLE 2 H39187
67	GENE105X	GF200:96(25C5):384(7E9)	CYCLIN D1 (PRAD1: PARATHYROID ADENOMATOSIS 1) AA487700
68	GENE142X	GF200:96(32G8):384(8N15)	ALPHA-1-ANTICHYMOTRYPSIN T80924
69	GENE431X	PEROU:96(2G10):384(19M20)	TREFOIL FACTOR 1 (BREAST CANCER, ESTROGEN-INDUCIBLE SEQUENCE EXPRESSED IN) R83818
70	GENE186X	GF200:96(9G1):384(3M1)	ESTS, MODERATELY SIMILAR TO CADHERIN 12 [H.SAPIENS] W02256

Table 6

71	GENE89X	GF200:96(22E10):384(6I20)	ESTS, MODERATELY SIMILAR TO CADHERIN 12 [H.SAPIENS] AA418564
72	GENE345X	GF201:96(95D3):384(13G5)	SMA3 AA028921
73	GENE22X	GF200:96(12G1):384(3N1)	FLAVIN CONTAINING MONOOXYGENASE 5 H52001
74	GENE323X	GF201:96(91C10):384(12E19)	HOMO SAPIENS BASIC TRANSCRIPTION FACTOR 2 P44 (BTF2P44) GENE, PARTIAL CDS, NEURONAL APOPTOSIS INHIBITORY PROTEIN (NAIP) AND SURVIVAL MOTOR NEURON PROTEIN (SMN) GENES, COMPLETE CDS W72437
75	GENE259X	GF201:96(79G2):384(9M3)	204740 H57306
76	GENE136X	GF200:96(2H4):384(1O8)	PLASMINOGEN ACTIVATOR, TISSUE AA453728
77	GENE123X	GF200:96(26H12):384(7O24)	H.SAPIENS MRNA FOR RAT HREV107-LIKE PROTEIN AA476543
78	GENE415X	PEROU:96(10B11):384(18D21)	ESTS WEAKLY SIMILAR TO HEAT SHOCK 27 KD PROTEIN [H.SAPIENS] AA010110
79	GENE128X	GF200:96(28E10):384(7J19)	ESTS, WEAKLY SIMILAR TO HSP 27 [H.SAPIENS] H57494
80	GENE240X	GF201:96(66D10):384(23H19)	267681 N25553
81	GENE155X	GF200:96(4G3):384(1N5)	547247 AA085318
82	GENE346X	GF201:96(95F4):384(13K7)	GLUTATHIONE S-TRANSFERASE THETA 1 H99813
83	GENE54X	GF200:96(16H3):384(4P5)	PARVALBUMIN AA010609
84	GENE191X	GF201:96(100C2):384(14E4)	50582 H17038
85	GENE347X	GF201:96(95G1):384(13M1)	GLUTAMATE DECARBOXYLASE 1 (BRAIN, 67KD) AA018457
86	GENE292X	GF201:96(87B4):384(11C7)	PROTEIN KINASE, CAMP-DEPENDENT, CATALYTIC, BETA AA018980
87	GENE291X	GF201:96(87A12):384(11A23)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, M H26426
88	GENE290X	GF201:96(87A11):384(11A21)	RAP1, GTPASE ACTIVATING PROTEIN 1 AA682897
89	GENE324X	GF201:96(91E8):384(12I15)	TRANSFORMING GROWTH FACTOR BETA-STIMULATED PROTEIN TSC-22 AA664389
90	GENE88X	GF200:96(22C1):384(6E2)	TISSUE SPECIFIC TRANSPLANTATION ANTIGEN P35B AA421687
91	GENE10X	GF200:96(11F5):384(3L10)	CHLORIDE CHANNEL, NUCLEOTIDE-SENSITIVE, 1A T52435
92	GENE337X	GF201:96(94A5):384(12B9)	KIAA0429 GENE PRODUCT AA676805
93	GENE242X	GF201:96(66D6):384(23H11)	504372 AA142842
94	GENE213X	GF201:96(56A5):384(21A10)	RETINOIC ACID RECEPTOR RESPONDER (TAZAROTENE INDUCED) 3 W47350
95	GENE45X	GF200:96(15C9):384(4F18)	TRANSPORTER 1, ABC (ATP BINDING CASSETTE) AA487637
96	GENE49X	GF200:96(15H8):384(4P16)	ESTS, HIGHLY SIMILAR TO SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA [H.SAPIENS] AA486367
97	GENE494X	PEROU:96(9G3):384(18N6)	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA AA079495
98	GENE493X	PEROU:96(9G2):384(18N4)	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA AA076085
99	GENE318X	GF201:96(90E5):384(11J9)	BONE MARROW STROMAL CELL ANTIGEN 2 AA485371
100	GENE376X	GF201:96(98F10):384(13L19)	INTERFERON-INDUCED PROTEIN 41, 30KD R54613
101	GENE71X	GF200:96(18H7):384(5O14)	INTERFERON-INDUCED PROTEIN 41, 30KD T62627
102	GENE305X	GF201:96(88E11):384(11I22)	INTERFERON-INDUCED PROTEIN 17 AA419251
103	GENE148X	GF200:96(4A8):384(1B15)	HUMAN MRNA FOR 56-KDA PROTEIN INDUCED BY INTERFERON AA489743
104	GENE61X	GF200:96(17H9):384(5O17)	INTERFERON, ALPHA-INDUCIBLE PROTEIN (CLONE IFI-6-16) AA448478
105	GENE492X	PEROU:96(9G1):384(18N2)	INTERFERON ALPHA-INDUCIBLE PROTEIN (CLONE IFI-6-16) AA075725
106	GENE116X	GF200:96(26C8):384(7E16)	INTERFERON, ALPHA-INDUCIBLE PROTEIN (CLONE IFI-6-16) AA432030

Table 6

107	GENE309X	GF201:96(88F1):384(11K2)	INTERFERON-STIMULATED PROTEIN, 15 KDA AA406020
108	GENE55X	GF200:96(17C9):384(5E17)	MYXOVIRUS (INFLUENZA) RESISTANCE 1, HOMOLOG OF MURINE (INTERFERON-INDUCIBLE PROTEIN P78) AA456886
109	GENE310X	GF201:96(88F3):384(11K6)	INTERFERON, ALPHA-INDUCIBLE PROTEIN 27 AA157813
110	GENE100X	GF200:96(24D3):384(6H5)	GLUTAMIC-OXALOACETIC TRANSAMINASE 2, MITOCHONDRIAL (ASPARTATE AMINOTRANSFERASE 2) AA487739
111	GENE406X	GF202:96(114E5):384(16I10)	509462 AA056377
112	GENE489X	PEROU:96(9D8):384(18H16)	416386 W86859
113	GENE11X	GF200:96(11G1):384(3N2)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] H97778
114	GENE205X	GF201:96(102D2):384(14H3)	85804 T72068
115	GENE432X	PEROU:96(2H1):384(19O2)	KIAA0182 AI023801
116	GENE442X	PEROU:96(6A8):384(20A16)	HOMO SAPIENS MRNA; CDNA DKFZP586C201 (FROM CLONE DKFZP586C201) R12563
117	GENE413X	GF202:96(116D8):384(16H15)	HOMO SAPIENS MRNA FOR HYPOTHETICAL PROTEIN AA487488
118	GENE477X	PEROU:96(8E4):384(20J7)	CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA036986
119	GENE419X	PEROU:96(10D1):384(18H1)	CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA036987
120	GENE107X	GF200:96(25E7):384(7I13)	CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA598508
121	GENE417X	PEROU:96(10C10):384(18F19)	PLACENTAL BIKUNIN (KUNITZ-TYPE SERINE PROTEASE INHIBITOR) AA031287
122	GENE261X	GF201:96(80F11):384(9K22)	HUMAN DNA SEQUENCE FROM CLONE 431H6 ON CHROMOSOME 16. CONTAINS A NOVEL GENE WITH SOME HOMOLOGY TO MOUSE HN1 (HEMATOLOGICAL AND NEUROLOGICAL EXPRESSED SEQUENCE 1) DOWNSTREAM OF A PUTATIVE CPG ISLAND. CONTAINS ESTS AND GSSS AA045658
123	GENE433X	PEROU:96(3B1):384(19D2)	KERATIN 18 AA070385
124	GENE59X	GF200:96(17G6):384(5M11)	KERATIN 8 AA598517
125	GENE414X	GF202:96(160G7):384(17N13)	44292 H06273
126	GENE90X	GF200:96(22E5):384(6I10)	TUMOR PROTEIN D52 AA459318
127	GENE210X	GF201:96(55F6):384(21K11)	PROTEIN KINASE, AMP-ACTIVATED, BETA 2 NON-CATALYTIC SUBUNIT N78582
128	GENE219X	GF201:96(57D11):384(21H22)	HOMO SAPIENS 14-3-3 PROTEIN MRNA, COMPLETE CDS AA609598
129	GENE0X	GF200:96(10A1):384(3A2)	124781 R01118
130	GENE227X	GF201:96(59D2):384(22G3)	365536 AA009596
131	GENE394X	GF202:96(111G2):384(15N4)	HOMO SAPIENS MRNA; CDNA DKFZP564H0223 (FROM CLONE DKFZP564H0223) AA160498
132	GENE226X	GF201:96(59C9):384(22E17)	CALMODULIN 1 (PHOSPHORYLASE KINASE, DELTA) R76554
133	GENE352X	GF201:96(96B1):384(13C2)	E2F TRANSCRIPTION FACTOR 5, P130-BINDING AA455521
134	GENE495X	PEROU:96(9G5):384(18N10)	530722 AA069820
135	GENE159X	GF200:96(5F11):384(2K21)	ATPASE, H+ TRANSPORTING, LYSOSOMAL (VACUOLAR PROTON PUMP) 21KD AA480826
136	GENE235X	GF201:96(64H11):384(23O22)	491778 AA115275
137	GENE4X	GF200:96(10D5):384(3G10)	LYSOPHOSPHOLIPASE 1 H00817
138	GENE457X	PEROU:96(6F3):384(20K6)	ESTS, WEAKLY SIMILAR TO KIAA0108 [H.SAPIENS] AA033947
139	GENE399X	GF202:96(112E11):384(15J21)	ESTS, WEAKLY SIMILAR TO KIAA0108 [H.SAPIENS] AA600214
140	GENE173X	GF200:96(7E12):384(2J24)	GAMMA-GLUTAMYL HYDROLASE (CONJUGASE, FOLYLPOLYGAMMAGLUTAMYL HYDROLASE) AA455800
141	GENE375X	GF201:96(98D9):384(13H17)	HOMO SAPIENS CLONE 23856 UNKNOWN MRNA, PARTIAL CDS AA487428

Table 6

142	GENE158X	GF200:96(5D4):384(2G7)	NUCLEOLAR PROTEIN P40 R45255
143	GENE92X	GF200:96(22H6):384(6O12)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, Y BOX-BINDING PROTEIN I; DNA-BINDING PROTEIN B AA599175
144	GENE143X	GF200:96(3C3):384(1F6)	PEPTIDYLPROLYL ISOMERASE F (CYCLOPHILIN F) H05580
145	GENE397X	GF202:96(112C10):384(15F19)	ESTS, WEAKLY SIMILAR TO R07G3.8 [C.ELEGANS] AA173423
146	GENE427X	PEROU:96(2A10):384(19A20)	TRANSFERRIN RECEPTOR (P90, CD71) N27985
147	GENE299X	GF201:96(88A12):384(11A24)	ESTS, HIGHLY SIMILAR TO MITOTIC KINESIN-LIKE PROTEIN-1 [H.SAPIENS] AA454098
148	GENE42X	GF200:96(15B4):384(4D8)	V-MYB AVIAN MYELOBLASTOSIS VIRAL ONCOGENE HOMOLOG-LIKE 2 AA456878
149	GENE272X	GF201:96(82D11):384(9H21)	430186 AA010188
150	GENE47X	GF200:96(15E12):384(4J24)	THYMOSIN, BETA 10 AA486085
151	GENE390X	GF202:96(110D6):384(15G12)	ECTODERMAL-NEURAL CORTEX (WITH BTB-LIKE DOMAIN) H72122
152	GENE389X	GF202:96(110D4):384(15G8)	HOMO SAPIENS MRNA; CDNA DKFZP434F152 (FROM CLONE DKFZP434F152) AA186605
153	GENE335X	GF201:96(93G12):384(12N24)	HOMO SAPIENS MRNA FOR LSM1 PROTEIN AA628430
154	GENE194X	GF201:96(101A7):384(14B14)	74223 T48412
155	GENE189X	GF201:96(100A10):384(14A20)	80292 T64433
156	GENE12X	GF200:96(11G7):384(3N14)	TRANSCRIPTION FACTOR AP-2 BETA (ACTIVATING ENHANCER-BINDING PROTEIN 2 BETA) AA018906
157	GENE286X	GF201:96(86B7):384(10D13)	URACIL-DNA GLYCOSYLASE 2 AA425900
158	GENE251X	GF201:96(68D5):384(24G10)	415229 W91879
159	GENE233X	GF201:96(64D4):384(23G8)	HOMO SAPIENS MRNA; CDNA DKFZP586J2118 (FROM CLONE DKFZP586J2118) R98407
160	GENE485X	PEROU:96(9C1):384(18F2)	297604 N69835
161	GENE473X	PEROU:96(8C4):384(20F7)	297604 N69835
162	GENE152X	GF200:96(4E5):384(1J9)	POTASSIUM CHANNEL, SUBFAMILY K, MEMBER 1 (TWIK-1) N62620
163	GENE264X	GF201:96(80H6):384(9O12)	124447 R01094
164	GENE135X	GF200:96(2B10):384(1C20)	S100 CALCIUM-BINDING PROTEIN P R32952
165	GENE197X	GF201:96(101D6):384(14H12)	68818 T53431
166	GENE314X	GF201:96(89C12):384(11F24)	OCCLUDIN H94471
167	GENE60X	GF200:96(17H1):384(5O1)	JUNCTION PLAKOGLOBIN R06417
168	GENE422X	PEROU:96(10E9):384(18J17)	HOMO SAPIENS BREAST CANCER PUTATIVE TRANSCRIPTION FACTOR (ZABC1) MRNA, COMPLETE CDS AA460802
169	GENE421X	PEROU:96(10E8):384(18J15)	HOMO SAPIENS BREAST CANCER PUTATIVE TRANSCRIPTION FACTOR (ZABC1) MRNA, COMPLETE CDS AA782528
170	GENE9X	GF200:96(11D4):384(3H8)	LAMININ, ALPHA 5 AA459519
171	GENE77X	GF200:96(19F4):384(5L8)	773233 AA425259
172	GENE411X	GF202:96(116B10):384(16D19)	ESTS, WEAKLY SIMILAR TO KIAA0631 PROTEIN [H.SAPIENS] AA497001
173	GENE153X	GF200:96(4F3):384(1L5)	TRANSCRIPTION FACTOR AP-2 GAMMA (ACTIVATING ENHANCER-BINDING PROTEIN 2 GAMMA) AA399334
174	GENE246X	GF201:96(66H1):384(23P1)	KIAA0626 GENE PRODUCT N62737
175	GENE270X	GF201:96(82B4):384(9D7)	HUMAN DNA SEQUENCE FROM CLONE 71L16 ON CHROMOSOME XP11. CONTAINS A PROBABLE ZINC FINGER PROTEIN (PSEUDO)GENE, AN UNKNOWN PUTATIVE GENE, A PSEUDOGENE WITH HIGH SIMILARITY TO PART OF ANTIGEN KI-67, A PUTATIVE CHONDROITIN 6-SULFOTRAN W47116

Table 6

176	GENE387X	GF202:96(110A5):384(15A10)	HOMO SAPIENS CLONE 23876 NEURONAL OLFACTOMEDIN-RELATED ER LOCALIZED PROTEIN MRNA, PARTIAL CDS H23124
177	GENE234X	GF201:96(64D5):384(23G10)	488431 AA047441
178	GENE334X	GF201:96(93E11):384(12J22)	79935 T61475
179	GENE21X	GF200:96(12F4):384(3L7)	FUMARYLACETOACETATE H44956
180	GENE160X	GF200:96(5H10):384(2O19)	TRANSDUCER OF ERBB-2 AA490213
181	GENE146X	GF200:96(3D6):384(1H12)	DIAPHORASE (NADH/NADPH) (CYTOCHROME B-5 REDUCTASE) AA455538
182	GENE294X	GF201:96(87E9):384(11I17)	DNA SEGMENT, SINGLE COPY PROBE LNS-CAI/LNS-CAII (DELETED IN POLYPOSIS H99681
183	GENE30X	GF200:96(13D4):384(4G7)	CYTOCHROME B-5 R92281
184	GENE491X	PEROU:96(9F3):384(18L6)	299664 N75017
185	GENE265X	GF201:96(81D9):384(9H18)	HOMO SAPIENS MRNA; CDNA DKFZP564J142 (FROM CLONE DKFZP564J142) N75017
186	GENE247X	GF201:96(66H8):384(23P15)	504678 AA142942
187	GENE326X	GF201:96(91H4):384(12O7)	KYNURENINASE; L-KYNURENINE HYDROLASE H87471
188	GENE41X	GF200:96(14H3):384(4O6)	ACTIVATED LEUCOCYTE CELL ADHESION MOLECULE R13558
189	GENE103X	GF200:96(24G9):384(6N17)	ELECTRON-TRANSFER-FLAVOPROTEIN, ALPHA POLYPEPTIDE (GLUTARIC ACIDURIA II) T58002
190	GENE119X	GF200:96(26F1):384(7K2)	130843 R22306
191	GENE379X	GF201:96(99B8):384(14C15)	PARAOXONASE 3 T57069
192	GENE121X	GF200:96(26G9):384(7M18)	PARAOXONASE 3 R95740
193	GENE348X	GF201:96(95G5):384(13M9)	GAP JUNCTION PROTEIN, BETA 1, 32KD (CONNEXIN 32, CHARCOT-MARIE-TOOTH NEUROPATHY, X-LINKED) N62394
194	GENE366X	GF201:96(97B6):384(13D12)	BONE MORPHOGENETIC PROTEIN 4 AA463225
195	GENE206X	GF201:96(55A8):384(21A15)	ACYL-COENZYME A OXIDASE 2, BRANCHED CHAIN T71782
196	GENE141X	GF200:96(32G3):384(8N5)	ESTS, HIGHLY SIMILAR TO AQUAPORIN 3 [H.SAPIENS] R91904
197	GENE322X	GF201:96(91A4):384(12A7)	470279 AA028905
198	GENE79X	GF200:96(1A9):384(1A17)	WINGLESS-TYPE MMTV INTEGRATION SITE FAMILY, MEMBER 5A W49672
199	GENE38X	GF200:96(14G12):384(4M24)	298155 N70794
200	GENE338X	GF201:96(94E8):384(12J15)	HUMAN HOX2.2 GENE FOR A HOMEOBOX PROTEIN AA610066
201	GENE68X	GF200:96(18G2):384(5M4)	HUMAN PROTEINASE ACTIVATED RECEPTOR-2 MRNA, 3'UTR AA454652
202	GENE461X	PEROU:96(7B4):384(20D8)	176461 H43515
203	GENE463X	PEROU:96(7B6):384(20D12)	364302 AA022462
204	GENE73X	GF200:96(19B1):384(5D2)	CREATINE KINASE, MITOCHONDRIAL 1 (UBIQUITOUS) AA019482
205	GENE358X	GF201:96(96F4):384(13K8)	CHROMOGRANIN B (SECRETOGRANIN 1) W37769
206	GENE95X	GF200:96(23H7):384(6P14)	M-PHASE PHOSPHOPROTEIN 6 AA478524
207	GENE203X	GF201:96(102B12):384(14D23)	83297 T68333
208	GENE154X	GF200:96(4G1):384(1N1)	3-OXOACID COA TRANSFERASE R40897
209	GENE207X	GF201:96(55D8):384(21G15)	MKP-1 LIKE PROTEIN TYROSINE PHOSPHATASE AA136040
210	GENE229X	GF201:96(62H2):384(22P3)	302025 N89753
211	GENE28X	GF200:96(13C8):384(4E15)	ESTS, WEAKLY SIMILAR TO MEL-13A PROTEIN [M.MUSCULUS] AA464421
212	GENE260X	GF201:96(79G4):384(9M7)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY SB WARNING ENTRY !!!! [H.SAPIENS] AA454610

Table 6

213	GENE241X	GF201:96(66D12):384(23H23)	418240 W90241
214	GENE289X	GF201:96(86H1):384(10P1)	S100 CALCIUM-BINDING PROTEIN A8 (CALGRANULIN A) AA086471
215	GENE288X	GF201:96(86G1):384(10N1)	ESTS, HIGHLY SIMILAR TO STAT4 [M.MUSCULUS] R91570
216	GENE223X	GF201:96(58F9):384(21L17)	UNTITLED R16098
217	GENE296X	GF201:96(87H11):384(11O21)	MATRIX METALLOPROTEINASE 15 (MEMBRANE-INSERTED) AA443300
218	GENE486X	PEROU:96(9C11):384(18F22)	ERBB-2 RECEPTOR PROTEIN-TYROSINE KINASE PRECURSOR AA025141
219	GENE428X	PEROU:96(2F1):384(19K2)	ERBB2 AA481939
220	GENE420X	PEROU:96(10E11):384(18J21)	ERBB2-POLYA X03363
221	GENE43X	GF200:96(15B6):384(4D12)	V-ERB-B2 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA443351
222	GENE455X	PEROU:96(6E5):384(20I10)	V-ERB-B2 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA025141
223	GENE312X	GF201:96(88H2):384(11O4)	GROWTH FACTOR RECEPTOR-BOUND PROTEIN 7 H53703
224	GENE97X	GF200:96(24B4):384(6D7)	STEROIDOGENIC ACUTE REGULATORY PROTEIN RELATED AA504710
225	GENE468X	PEROU:96(8A1):384(20B1)	68400 T57034
226	GENE440X	PEROU:96(6A1):384(20A2)	68400 T57034
227	GENE466X	PEROU:96(7F8):384(20L16)	SWI/SNF RELATED, MATRIX ASSOCIATED, ACTIN DEPENDENT REGULATOR OF CHROMATIN, SUBFAMILY E, MEMBER 1 W63613
228	GENE98X	GF200:96(24B5):384(6D9)	TNF RECEPTOR-ASSOCIATED FACTOR 4 AA598826
229	GENE282X	GF201:96(84D8):384(10G16)	347348 W81186
230	GENE113X	GF200:96(26C12):384(7E24)	FLOTILLIN 2 R73545
231	GENE78X	GF200:96(19H6):384(5P12)	TGFB1-INDUCED ANTI-APOPTOTIC FACTOR 1 AA446222
232	GENE166X	GF200:96(6H10):384(2O20)	KIAA0130 GENE PRODUCT N76581
233	GENE150X	GF200:96(4B7):384(1D13)	ESTS, HIGHLY SIMILAR TO INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 2 PRECURSOR [H.SAPIENS] H79047
234	GENE490X	PEROU:96(9E8):384(18J16)	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) AA054451
235	GENE171X	GF200:96(7D2):384(2H4)	HUMAN INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) MRNA H08560
236	GENE306X	GF201:96(88E3):384(11I6)	HUMAN INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) MRNA T52830
237	GENE1X	GF200:96(10A12):384(3A24)	PHOSPHOSERINE PHOSPHATASE-LIKE W05628
238	GENE137X	GF200:96(30G3):384(8M6)	122982 R00332
239	GENE109X	GF200:96(25G2):384(7M3)	CYTOCHROME C OXIDASE SUBUNIT VIC AA456931
240	GENE199X	GF201:96(101H5):384(14P10)	78921 T60482
241	GENE32X	GF200:96(13F4):384(4K7)	134783 R31701
242	GENE23X	GF200:96(12G2):384(3N3)	FIBRONECTIN 1 R62612
243	GENE221X	GF201:96(58A11):384(21B21)	H.SAPIENS MRNA FOR INHIBIN BETA(A) SUBUNIT N27159
244	GENE169X	GF200:96(7C3):384(2F6)	CALCIUM/CALMODULIN-DEPENDENT PROTEIN KINASE (CAM KINASE) II GAMMA T96083
245	GENE402X	GF202:96(114A5):384(16A10)	839904 AA490059
246	GENE330X	GF201:96(92E7):384(12I14)	MEMBRANE FATTY ACID (LIPID) DESATURASE W49667
247	GENE370X	GF201:96(97E4):384(13J8)	RIBOSOMAL PROTEIN L26 AA633569

Table 6

248	GENE216X	GF201:96(56E2):384(21I4)	HUMAN CHROMOSOME 16 BAC CLONE CIT987SK-A-362G6 N75498
249	GENE145X	GF200:96(3C7):384(1F14)	NON-SPECIFIC CROSS REACTING ANTIGEN AA054073
250	GENE396X	GF202:96(112A1):384(15B1)	261194 H98215
251	GENE278X	GF201:96(83E6):384(10I11)	503602 AA131299
252	GENE382X	GF201:96(99G5):384(14M9)	50114 H16743
253	GENE377X	GF201:96(99A4):384(14A7)	ESTS, HIGHLY SIMILAR TO CYTOPLASMIC DYNEIN LIGHT CHAIN 1 [H.SAPIENS] AA401429
254	GENE188X	GF200:96(9H12):384(3O23)	STEAROYL-COA DESATURASE (DELTA-9-DESATURASE) R00707
255	GENE168X	GF200:96(7A6):384(2B12)	LYSOSOMAL-ASSOCIATED MULTISPANNING MEMBRANE PROTEIN-5 AA410265
256	GENE6X	GF200:96(10G8):384(3M16)	ACTIN RELATED PROTEIN 2/3 COMPLEX, SUBUNIT 5 (16 KD) W55964
257	GENE269X	GF201:96(82B11):384(9D21)	345056 W72798
258	GENE273X	GF201:96(82F1):384(9L1)	487831 AA045083
259	GENE35X	GF200:96(14B7):384(4C14)	CATHEPSIN K (PYCNODYSOSTOSIS) R01515
260	GENE244X	GF201:96(66F1):384(23L1)	ESTS, WEAKLY SIMILAR TO MACROPHAGE LECTIN 2 [H.SAPIENS] N53421
261	GENE354X	GF201:96(96C1):384(13E2)	DERMATOPONTIN R48303
262	GENE429X	PEROU:96(2F2):384(19K4)	TISSUE INHIBITOR OF METALLOPROTEINASE 3 (SORSBY FUNDUS DYSTROPHY, PSEUDOINFLAMMATORY) AA445923
263	GENE435X	PEROU:96(3B9):384(19D18)	INTEGRIN, ALPHA 2 (CD49B, ALPHA 2 SUBUNIT OF VLA-2 RECEPTOR) AA069096
264	GENE149X	GF200:96(4B4):384(1D7)	INTEGRIN, ALPHA 2 (CD49B, ALPHA 2 SUBUNIT OF VLA-2 RECEPTOR) AA463610
265	GENE313X	GF201:96(89A1):384(11B2)	SER-THR PROTEIN KINASE RELATED TO THE MYOTONIC DYSTROPHY PROTEIN KINASE N35241
266	GENE129X	GF200:96(28E3):384(7J5)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 5262644) [H.SAPIENS] N91426
267	GENE384X	GF202:96(109C9):384(15E17)	MICROTUBULE-ASSOCIATED PROTEIN 1B AA219045
268	GENE266X	GF201:96(81E12):384(9J24)	259996 N32611
269	GENE215X	GF201:96(56C11):384(21E22)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.SAPIENS] N21103
270	GENE276X	GF201:96(83A5):384(10A9)	141726 R69584
271	GENE410X	GF202:96(115D7):384(16H14)	842848 AA486281
272	GENE212X	GF201:96(55G4):384(21M7)	C3H-TYPE ZINC FINGER PROTEIN; SIMILAR TO D. MELANOGASTER MUSCLEBLIND B PROTEIN W16832
273	GENE144X	GF200:96(3C6):384(1F12)	NUCLEAR FACTOR I/X (CCAAT-BINDING TRANSCRIPTION FACTOR) AA406269
274	GENE182X	GF200:96(9A3):384(3A5)	ESTS, HIGHLY SIMILAR TO LAR-INTERACTING PROTEIN 1A [H.SAPIENS] N52679
275	GENE94X	GF200:96(23F7):384(6L14)	FAS (TNFRSF6)-ASSOCIATED VIA DEATH DOMAIN AA430751
276	GENE263X	GF201:96(80H4):384(9O8)	ESTS, WEAKLY SIMILAR TO STRABISMUS [D.MELANOGASTER] T95333
277	GENE275X	GF201:96(82H5):384(9P9)	HOMO SAPIENS CLONE 23704 MRNA SEQUENCE N70212
278	GENE111X	GF200:96(26B7):384(7C14)	RAB6, MEMBER RAS ONCOGENE FAMILY H20138
279	GENE164X	GF200:96(6D7):384(2G14)	HUMAN MRNA FOR KIAA0280 GENE, PARTIAL CDS AA428746
280	GENE245X	GF201:96(66F4):384(23L7)	501731 AA127861
281	GENE183X	GF200:96(9A4):384(3A7)	V-MYC AVIAN MYELOCYTOMATOSIS VIRAL ONCOGENE HOMOLOG 1, LUNG CARCINOMA DERIVED R62862
282	GENE130X	GF200:96(29B7):384(8C13)	66864 T64994
283	GENE85X	GF200:96(21G10):384(6M19)	PATERNALLY EXPRESSED GENE 3 AA459941
284	GENE139X	GF200:96(31D12):384(8H24)	ESTS, WEAKLY SIMILAR TO PLACENTAL RIBONUCLEASE INHIBITOR [H.SAPIENS] N53214
285	GENE478X	PEROU:96(8H2):384(20P3)	N-MYC AA101678

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286	GENE408X	GF202:96(114H8):384(16O16)	KDEL (LYS-ASP-GLU-LEU) ENDOPLASMIC RETICULUM PROTEIN RETENTION RECEPTOR 3 AA181085
287	GENE190X	GF201:96(100B1):384(14C2)	51344 H21040
288	GENE13X	GF200:96(11H12):384(3P24)	MENINGIOMA (DISRUPTED IN BALANCED TRANSLOCATION) 1 R59212
289	GENE295X	GF201:96(87H1):384(11O1)	MONOAMINE OXIDASE B AA682423
290	GENE170X	GF200:96(7D12):384(2H24)	NEUREGULIN 1 R72075
291	GENE7X	GF200:96(10H9):384(3O18)	HEXABRACHION (TENASCIN C, CYTOTACTIN) T77595
292	GENE484X	PEROU:96(9B8):384(18D16)	TRANSFORMING GROWTH FACTOR, BETA 2 N48082
293	GENE33X	GF200:96(13H3):384(4O5)	CARBONIC ANHYDRASE II H23187
294	GENE361X	GF201:96(96G10):384(13M20)	CARNITINE ACETYLTRANSFERASE AA621218
295	GENE450X	PEROU:96(6C7):384(20E14)	RAS HOMOLOG GENE FAMILY, MEMBER B H89046
296	GENE82X	GF200:96(1F7):384(1K13)	RAS HOMOLOG GENE FAMILY, MEMBER B AA495846
297	GENE185X	GF200:96(9E4):384(3I7)	B-CELL TRANSLOCATION GENE 2 (PHEOCHROMACYTOMA CELL-3) H69582
298	GENE239X	GF201:96(65F2):384(23L4)	HOMO SAPIENS MRNA; CDNA DKFZP586B2420 (FROM CLONE DKFZP586B2420) W58343
299	GENE395X	GF202:96(111H12):384(15P24)	ESTS, HIGHLY SIMILAR TO SCK [H.SAPIENS] H10072
300	GENE24X	GF200:96(12G3):384(3N5)	FIBROMODULIN AA486471
301	GENE50X	GF200:96(16B4):384(4D7)	RIBONUCLEASE L (2',5'-OLIGOISOADENYLATE SYNTHETASE-DEPENDENT) T60223
302	GENE167X	GF200:96(7A12):384(2B24)	ACTIN-BINDING LIM PROTEIN AA406601
303	GENE124X	GF200:96(27B1):384(7D2)	FLAVIN CONTAINING MONOOXYGENASE 3 H71847
304	GENE177X	GF200:96(8C11):384(2F21)	179276 H50323
305	GENE224X	GF201:96(58G10):384(21N19)	SERUM-INDUCIBLE KINASE AA460152
306	GENE364X	GF201:96(97B1):384(13D2)	WASP FAMILY VERPROLIN-HOMOLOGOUS PROTEIN 3 AA629542
307	GENE407X	GF202:96(114G1):384(16M2)	HOMO SAPIENS DNA SEQUENCE FROM COSMID ICK0721Q ON CHROMOSOME 6. CONTAINS A 60S RIBOSOMAL PROTEIN L35A LIKE PSEUDOGENE, A GENE CODING FOR A 60S RIBOSOMAL PROTEIN L12 LIKE PROTEIN IN AN INTRON OF THE HSET GENE CODING FOR A KINESIN AA457543
308	GENE192X	GF201:96(100H6):384(14O12)	77911 T61269
309	GENE248X	GF201:96(67C6):384(24E11)	300038 N78909
310	GENE405X	GF202:96(114C7):384(16E14)	78736 T61888
311	GENE220X	GF201:96(57D6):384(21H12)	ENDOTHELIN RECEPTOR TYPE B N29914
312	GENE258X	GF201:96(79E10):384(9I19)	782730 AA447978
313	GENE424X	PEROU:96(1C10):384(19E19)	APOLIPOPROTEIN D AA457084
314	GENE36X	GF200:96(14D12):384(4G24)	APOLIPOPROTEIN D H15842
315	GENE315X	GF201:96(89F3):384(11L6)	SEMA DOMAIN, IMMUNOGLOBULIN DOMAIN (IG), SHORT BASIC DOMAIN, SECRETED, (SEMAPHORIN) 3C AA042990
316	GENE200X	GF201:96(102A3):384(14B5)	ESTS, WEAKLY SIMILAR TO F56A11.5 [C.ELEGANS] T61938
317	GENE300X	GF201:96(88B12):384(11C24)	LAMININ, ALPHA 3 (NICEIN (150KD), KALININ (165KD), BM600 (150KD), EPILEGRIN) AA001432
318	GENE204X	GF201:96(102D12):384(14H23)	46694 H10192
319	GENE297X	GF201:96(87H2):384(11O3)	MONOAMINE OXIDASE A AA011096
320	GENE371X	GF201:96(97E5):384(13J10)	ALDEHYDE DEHYDROGENASE 1, SOLUBLE AA664101
321	GENE418X	PEROU:96(10C7):384(18F13)	428431 AA004415

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322	GENE281X	GF201:96(84B4):384(10C8)	INTEGRAL MEMBRANE PROTEIN 2C N53447
323	GENE446X	PEROU:96(6B5):384(20C10)	HUMAN IG J CHAIN GENE H24896
324	GENE480X	PEROU:96(9A9):384(18B18)	IMMUNOGLOBULIN J CHAIN H24896
325	GENE63X	GF200:96(18A10):384(5A20)	HUMAN IG J CHAIN GENE T70057
326	GENE436X	PEROU:96(3E4):384(19J8)	CD36 ANTIGEN (COLLAGEN TYPE I RECEPTOR, THROMBOSPONDIN RECEPTOR) R09416
327	GENE34X	GF200:96(14B4):384(4C8)	CD36 ANTIGEN (COLLAGEN TYPE I RECEPTOR, THROMBOSPONDIN RECEPTOR) N39161
328	GENE398X	GF202:96(112C8):384(15F15)	KIAA0569 GENE PRODUCT N45100
329	GENE285X	GF201:96(85H7):384(10P14)	V-MAF MUSCULOAPONEUROTIC FIBROSARCOMA (AVIAN) ONCOGENE HOMOLOG AA043501
330	GENE157X	GF200:96(5C8):384(2E15)	PEROXISOME PROLIFERATIVE ACTIVATED RECEPTOR, GAMMA AA088517
331	GENE363X	GF201:96(96H9):384(13O18)	TRANSMEMBRANE 4 SUPERFAMILY MEMBER 2 N93505
332	GENE8X	GF200:96(11D12):384(3H24)	SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 14 R96668
333	GENE62X	GF200:96(18A1):384(5A2)	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 6 AA478724
334	GENE120X	GF200:96(26F3):384(7K6)	PHOSPHATIDIC ACID PHOSPHATASE TYPE 2B T72119
335	GENE83X	GF200:96(21C4):384(6E7)	PHOSPHATIDIC ACID PHOSPHATASE TYPE 2B T71976
336	GENE362X	GF201:96(96G3):384(13M6)	CAVEOLIN 1, CAVEOLAE PROTEIN, 22KD AA055835
337	GENE44X	GF200:96(15C10):384(4F20)	TRANSFORMING GROWTH FACTOR, BETA RECEPTOR II (70-80KD) AA487034
338	GENE64X	GF200:96(18A3):384(5A6)	HUMAN KRUEPPEL-RELATED ZINC FINGER PROTEIN (H-PLK) MRNA, COMPLETE CDS N54596
339	GENE184X	GF200:96(9A5):384(3A9)	HUMAN KRUEPPEL-RELATED ZINC FINGER PROTEIN (H-PLK) MRNA, COMPLETE CDS N54596
340	GENE307X	GF201:96(88E4):384(11I8)	INSULIN-LIKE GROWTH FACTOR 2 (SOMATOMEDIN A) N74623
341	GENE231X	GF201:96(63E2):384(23I3)	212489 H68404
342	GENE350X	GF201:96(95G9):384(13M17)	PHOSPHORYLASE, GLYCOGEN; MUSCLE (MCARDLE SYNDROME, GLYCOGEN STORAGE DISEASE TYPE V) AA496032
343	GENE298X	GF201:96(87H7):384(11O13)	MICROFIBRILLAR-ASSOCIATED PROTEIN 4 AA496022
344	GENE401X	GF202:96(113H3):384(16O5)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA487895
345	GENE443X	PEROU:96(6B1):384(20C2)	CYCLIN-DEPENDENT KINASE INHIBITOR 1C (P57, KIP2) R81336
346	GENE373X	GF201:96(97H6):384(13P12)	AQUAPORIN 1 (CHANNEL-FORMING INTEGRAL PROTEIN, 28KD) H24316
347	GENE193X	GF201:96(100H7):384(14O14)	78946 T61792
348	GENE70X	GF200:96(18H1):384(5O2)	484535 AA036974
349	GENE39X	GF200:96(14G2):384(4M4)	ALCOHOL DEHYDROGENASE 2 (CLASS I), BETA POLYPEPTIDE N93428
350	GENE66X	GF200:96(18E1):384(5I2)	FOUR AND A HALF LIM DOMAINS 1 AA456394
351	GENE93X	GF200:96(23A7):384(6B14)	GLYCEROL-3-PHOSPHATE DEHYDROGENASE 1 (SOLUBLE) AA192547
352	GENE202X	GF201:96(102A5):384(14B9)	85660 T62068
353	GENE303X	GF201:96(88D12):384(11G24)	INTEGRIN, ALPHA 7 AA055979
354	GENE112X	GF200:96(26C1):384(7E2)	RETINOL-BINDING PROTEIN 4, INTERSTITIAL T72220
355	GENE301X	GF201:96(88B9):384(11C18)	LIPOPROTEIN LIPASE AA633835
356	GENE388X	GF202:96(110B10):384(15C20)	GLUTATHIONE PEROXIDASE 3 (PLASMA) AA664180
357	GENE332X	GF201:96(92H12):384(12O24)	AQUAPORIN 7 H27752
358	GENE460X	PEROU:96(7A10):384(20B20)	FATTY ACID BINDING PROTEIN 4, ADIPOCYTE AI652163
359	GENE456X	PEROU:96(6E7):384(20I14)	FATTY ACID BINDING PROTEIN 4, ADIPOCYTE AA046090

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360	GENE133X	GF200:96(29G2):384(8M3)	47043 H10721
361	GENE386X	GF202:96(109G3):384(15M5)	HOMO SAPIENS CLONE 23698 MRNA SEQUENCE AA680300
362	GENE404X	GF202:96(114B5):384(16C10)	ESTS, MODERATELY SIMILAR TO FAT-SPECIFIC PROTEIN FSP27 [M.MUSCULUS] AA088749
363	GENE201X	GF201:96(102A4):384(14B7)	HOMO SAPIENS BRAIN MY047 PROTEIN MRNA, COMPLETE CDS T62031
364	GENE181X	GF200:96(8H9):384(2P17)	MESENCHYME HOMEO BOX 1 AA426311
365	GENE458X	PEROU:96(6G3):384(20M6)	HHCPA78 HOMOLOG AA044633
366	GENE151X	GF200:96(4E1):384(1J1)	ENDOTHELIAL KRUPPEL-LIKE ZINC FINGER PROTEIN H45711
367	GENE355X	GF201:96(96D8):384(13G16)	CYCLIN-DEPENDENT KINASE 5, REGULATORY SUBUNIT 1 (P35) AA442853
368	GENE87X	GF200:96(22B11):384(6C22)	FBJ MURINE OSTEOSARCOMA VIRAL ONCOGENE HOMOLOG B T62179
369	GENE198X	GF201:96(101F5):384(14L10)	79412 T57691
370	GENE341X	GF201:96(94G6):384(12N11)	DUAL SPECIFICITY PHOSPHATASE 6 AA630374
371	GENE343X	GF201:96(94H6):384(12P11)	LAMININ, GAMMA 2 (NICEIN (100KD), KALININ (105KD), BM600 (100KD), HERLITZ JUNCTIONAL EPIDERMOLYSIS BULLOSA)) AA677534
372	GENE342X	GF201:96(94H5):384(12P9)	MATRIX METALLOPROTEINASE 14 (MEMBRANE-INSERTED) N33214
373	GENE327X	GF201:96(92B12):384(12C24)	COLLAGEN, TYPE XVII, ALPHA 1 H87536
374	GENE161X	GF200:96(5H7):384(2O13)	CALPONIN 1, BASIC, SMOOTH MUSCLE AA399519
375	GENE462X	PEROU:96(7B5):384(20D10)	PLEIOTROPHIN (HEPARIN BINDING GROWTH FACTOR 8, NEURITE GROWTH-PROMOTING FACTOR 1) AA001449
376	GENE52X	GF200:96(16F12):384(4L23)	PLEIOTROPHIN (HEPARIN BINDING GROWTH FACTOR 8, NEURITE GROWTH-PROMOTING FACTOR 1) AA001449
377	GENE454X	PEROU:96(6E4):384(20I8)	1912786 AI304356
378	GENE19X	GF200:96(12E9):384(3J17)	GELSOLIN (AMYLOIDOSIS, FINNISH TYPE) H72027
379	GENE176X	GF200:96(8C10):384(2F19)	BULLOUS PEMPHIGOID ANTIGEN 1 (230/240KD) H44784
380	GENE329X	GF201:96(92B7):384(12C14)	SMALL INDUCIBLE CYTOKINE SUBFAMILY D (CYS-X3-CYS), MEMBER 1 (FRACTALKINE, NEUROTACTIN) R66139
381	GENE488X	PEROU:96(9D1):384(18H2)	KERATIN 17 aa026642
382	GENE476X	PEROU:96(8D6):384(20H11)	KERATIN 17 AA026642
383	GENE487X	PEROU:96(9C6):384(18F12)	KERATIN 5 (EPIDERMOLYSIS BULLOSA SIMPLEX DOWLING-MEARA/KOBNER/WEBER-COCKAYNE TYPES) W72110
384	GENE472X	PEROU:96(8C11):384(20F21)	ESTS, HIGHLY SIMILAR TO KERATIN K5, 58K TYPE II, EPIDERMAL W72110
385	GENE336X	GF201:96(93G2):384(12N4)	ESTS, HIGHLY SIMILAR TO PROBABLE ATAXIA-TELANGIECTASIA GROUP D PROTEIN [H.SAPIENS] AA055486
386	GENE106X	GF200:96(25C8):384(7E15)	CRYSTALLIN, ALPHA B AA504943
387	GENE175X	GF200:96(8B12):384(2D23)	CAVEOLIN 2 T89391
388	GENE37X	GF200:96(14E11):384(4I22)	ANNEXIN I (LIPOCORTIN I) H63077
389	GENE353X	GF201:96(96B2):384(13C4)	DYSTROPHIN (MUSCULAR DYSTROPHY, DUCHENNE AND BECKER TYPES), INCLUDES DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272 AA461118
390	GENE76X	GF200:96(19D7):384(5H14)	DIHYDROPYRIMIDINASE-LIKE 2 AA487674
391	GENE256X	GF201:96(79B4):384(9C7)	272038 N31948
392	GENE29X	GF200:96(13D12):384(4G23)	CYSTEINE DIOXYGENASE, TYPE I AA497111

Table 6

393	GENE412X	GF202:96(116B11):384(16D21)	HUMAN LIVER CARBOXYLESTERASE MRNA, 3' END T68878
394	GENE127X	GF200:96(27H11):384(7P22)	ESTS, WEAKLY SIMILAR TO W01A11.2 GENE PRODUCT [C.ELEGANS] H25606
395	GENE5X	GF200:96(10E2):384(3I4)	KIAA0914 GENE PRODUCT N51424
396	GENE464X	PEROU:96(7E6):384(20J12)	MITOGEN INDUCIBLE 2 H29253
397	GENE268X	GF201:96(81H8):384(9P16)	307645 N93582
398	GENE236X	GF201:96(65A12):384(23B24)	HOMO SAPIENS MRNA FOR KIAA0786 PROTEIN, PARTIAL CDS W74533
399	GENE110X	GF200:96(26A2):384(7A4)	VON WILLEBRAND FACTOR AA487787
400	GENE46X	GF200:96(15E10):384(4J20)	TISSUE FACTOR PATHWAY INHIBITOR (LIPOPROTEIN-ASSOCIATED COAGULATION INHIBITOR) T47454
401	GENE339X	GF201:96(94F10):384(12L19)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4704754) [H.SAPIENS] AA426053
402	GENE58X	GF200:96(17F4):384(5K7)	FATTY-ACID-COENZYME A LIGASE, LONG-CHAIN 1 T73556
403	GENE195X	GF201:96(101B6):384(14D12)	HOMO SAPIENS MRNA; CDNA DKFZP586A0522 (FROM CLONE DKFZP586A0522) T50041
404	GENE308X	GF201:96(88E5):384(11I10)	INSULIN RECEPTOR SUBSTRATE 1 AA460841
405	GENE48X	GF200:96(15F5):384(4L10)	SYNDECAN 2 (HEPARAN SULFATE PROTEOGLYCAN 1, CELL SURFACE-ASSOCIATED, FIBROGLYCAN) H64346
406	GENE430X	PEROU:96(2F4):384(19K8)	FIBROBLAST GROWTH FACTOR RECEPTOR 1 AA281189
407	GENE125X	GF200:96(27B3):384(7D6)	ALKALINE PHOSPHATASE, LIVER/BONE/KIDNEY T94626
408	GENE27X	GF200:96(13B9):384(4C17)	ALDO-KETO REDUCTASE FAMILY 1, MEMBER C1 (DIHYDRODIOL DEHYDROGENASE 1; 20-ALPHA (3-ALPHA)-HYDROXYSTEROID DEHYDROGENASE) R93124
409	GENE447X	PEROU:96(6C11):384(20E22)	6-PHOSPHOFRUCTO-2-KINASE/FRUCTOSE-2,6-BIPHOSPHATASE 3 N93901
410	GENE18X	GF200:96(12E4):384(3J7)	MICROSOMAL GLUTATHIONE S-TRANSFERASE 1 AA495936
411	GENE279X	GF201:96(83H11):384(10O21)	811020 AA485369
412	GENE214X	GF201:96(56A7):384(21A14)	GUANINE NUCLEOTIDE BINDING PROTEIN (G PROTEIN), ALPHA STIMULATING ACTIVITY POLYPEPTIDE 1 AA035620
413	GENE101X	GF200:96(24E11):384(6J21)	814526 AA459588
414	GENE209X	GF201:96(55F4):384(21K7)	DNA-DEPENDENT PROTEIN KINASE CATALYTIC SUBUNIT-INTERACTING PROTEIN 2 N79761
415	GENE365X	GF201:96(97B5):384(13D10)	BONE MORPHOGENETIC PROTEIN 7 (OSTEOGENIC PROTEIN 1) W73473
416	GENE243X	GF201:96(66E1):384(23J1)	BONE MORPHOGENETIC PROTEIN 7 (OSTEOGENIC PROTEIN 1) AA029597
417	GENE274X	GF201:96(82G11):384(9N21)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA459296
418	GENE393X	GF202:96(111D4):384(15H8)	757383 AA437140
419	GENE69X	GF200:96(18G9):384(5M18)	PREFERENTIALLY EXPRESSED ANTIGEN OF MELANOMA AA598817
420	GENE179X	GF200:96(8D1):384(2H1)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] H59915
421	GENE438X	PEROU:96(4D3):384(19H5)	CYTOCHROME P450, SUBFAMILY I (DIOXIN-INDUCIBLE), POLYPEPTIDE 1 (GLAUCOMA 3, PRIMARY INFANTILE) AA029776
422	GENE104X	GF200:96(25C2):384(7E3)	CYTOCHROME P450, SUBFAMILY I (DIOXIN-INDUCIBLE), POLYPEPTIDE 1 (GLAUCOMA 3, PRIMARY INFANTILE) AA448157
423	GENE53X	GF200:96(16G12):384(4N23)	PHOSPHODIESTERASE 4B, CAMP-SPECIFIC (DUNCE (DROSOPHILA)-HOMOLOG PHOSPHODIESTERASE E4) AA453293
424	GENE67X	GF200:96(18G10):384(5M20)	PRE-B-CELL COLONY-ENHANCING FACTOR AA281932
425	GENE360X	GF201:96(96F8):384(13K16)	CERULOPLASMIN (FERROXIDASE) H86554

Table 6

426	GENE344X	GF201:96(95A7):384(13A13)	148225 H13688
427	GENE72X	GF200:96(18H9):384(5O18)	NUCLEAR FACTOR I/B W87611
428	GENE426X	PEROU:96(1H4):384(19O7)	EPIDERMAL GROWTH FACTOR RECEPTOR (AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL (V-ERB-B) ONCOGENE HOMOLOG) AA234783
429	GENE349X	GF201:96(95G6):384(13M11)	GRO1 ONCOGENE (MELANOMA GROWTH STIMULATING ACTIVITY, ALPHA) W42723
430	GENE86X	GF200:96(21G12):384(6M23)	PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUBUNIT, POLYPEPTIDE 1 (P85 ALPHA) R54050
431	GENE328X	GF201:96(92B2):384(12C4)	HUMAN DNA-BINDING PROTEIN ABP/ZF MRNA, COMPLETE CDS W88571
432	GENE416X	PEROU:96(10C1):384(18F1)	ANTILEUKOPROTEINASE AA026192
433	GENE331X	GF201:96(92H10):384(12O20)	FATTY ACID BINDING PROTEIN 7, BRAIN W72051
434	GENE359X	GF201:96(96F6):384(13K12)	CHITINASE 3-LIKE 2 AA668821
435	GENE467X	PEROU:96(7F9):384(20L18)	TRANSMEMBRANE 4 SUPERFAMILY MEMBER 1 AA088439
436	GENE451X	PEROU:96(6D1):384(20G2)	TRANSMEMBRANE 4 SUPERFAMILY MEMBER 1 N47476
437	GENE91X	GF200:96(22G5):384(6M10)	HOMO SAPIENS MRNA FOR CALPAIN-LIKE PROTEASE CANPX AA457330
438	GENE75X	GF200:96(19B4):384(5D8)	KERATIN 7 AA489569
439	GENE320X	GF201:96(90F1):384(11L1)	LADININ 1 T97710
440	GENE108X	GF200:96(25G1):384(7M1)	CADHERIN 3, P-CADHERIN (PLACENTAL) AA425556
441	GENE156X	GF200:96(5B4):384(2C7)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, K R79082
442	GENE134X	GF200:96(2A12):384(1A24)	SRY (SEX-DETERMINING REGION Y)-BOX 9 (CAMPOMELIC DYSPLASIA, AUTOSOMAL SEX-REVERSAL) AA400739
443	GENE147X	GF200:96(4A3):384(1B5)	KERATIN 13 W23757
444	GENE257X	GF201:96(79D8):384(9G15)	KERATIN 13 W60057
445	GENE469X	PEROU:96(8A7):384(20B13)	2255577 AI679149
446	GENE434X	PEROU:96(3B12):384(19D24)	INTEGRIN, BETA 4 AA076514
447	GENE287X	GF201:96(86C6):384(10F11)	TROPONIN I, SKELETAL, FAST AA181334
448	GENE65X	GF200:96(18A6):384(5A12)	INHIBITOR OF DNA BINDING 4, DOMINANT NEGATIVE HELIX-LOOP-HELIX PROTEIN AA464856
449	GENE459X	PEROU:96(6G5):384(20M10)	510165 AA053251
450	GENE255X	GF201:96(69E2):384(24J4)	321902 W37448
451	GENE218X	GF201:96(57C10):384(21F20)	PUTATIVE PROSTATE CANCER TUMOR SUPPRESSOR H13424
452	GENE423X	PEROU:96(1A3):384(19A5)	MDGI/FATTY ACID BINDING PROTEIN 3, MUSCLE AND HEART W04872
453	GENE20X	GF200:96(12F11):384(3L21)	FOLATE RECEPTOR 1 (ADULT) R24635
454	GENE357X	GF201:96(96F11):384(13K22)	CELLULAR RETINOIC ACID-BINDING PROTEIN 1 AA421218
455	GENE211X	GF201:96(55F8):384(21K15)	CELLULAR RETINOIC ACID-BINDING PROTEIN 1 AA454702
456	GENE321X	GF201:96(90H10):384(11P19)	DERMATAN SULPHATE PROTEOGLYCAN 3 AA131238
457	GENE237X	GF201:96(65A8):384(23B16)	357396 W93847
458	GENE2X	GF200:96(10B8):384(3C16)	SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 18, PULMONARY AND ACTIVATION-REGULATED AA495985
459	GENE117X	GF200:96(26C9):384(7E18)	CD79A ANTIGEN (IMMUNOGLOBULIN-ASSOCIATED ALPHA) T87012
460	GENE114X	GF200:96(26C3):384(7E6)	NEUTROPHIL CYTOSOLIC FACTOR 1 (47KD, CHRONIC GRANULOMATOUS DISEASE, AUTOSOMAL 1) AA489666

Table 6

461	GENE445X	PEROU:96(6B12):384(20C24)	IMMUNOGLOBULIN LAMBDA LIGHT CHAIN R50297
462	GENE311X	GF201:96(88F6):384(11K12)	IMMUNOGLOBULIN LAMBDA-LIKE POLYPEPTIDE 2 W73790
463	GENE452X	PEROU:96(6D6):384(20G12)	HUMAN REARRANGED IMMUNOGLOBULIN LAMBDA LIGHT CHAIN MRNA N64851
464	GENE118X	GF200:96(26D3):384(7G6)	HUMAN REARRANGED IMMUNOGLOBULIN LAMBDA LIGHT CHAIN MRNA T67053
465	GENE84X	GF200:96(21D8):384(6G15)	BUTYROPHILIN, SUBFAMILY 3, MEMBER A3 AA478585
466	GENE302X	GF201:96(88C3):384(11E6)	LACTOTRANSFERRIN AA677706
467	GENE253X	GF201:96(69A2):384(24B4)	322223 W38022
468	GENE51X	GF200:96(16D9):384(4H17)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, F AA598513
469	GENE208X	GF201:96(55E12):384(21I23)	HUMAN DNA SEQUENCE FROM CLONE 466N1 ON CHROMOSOME 22Q12-13 CONTAINS H1F0(H1 HISTONE FAMILY, MEMBER 0) GENE, 2-AMINO-3-KETOBUTYRATE -COA LIGASE(NUCLEAR GENE ENCODING MITOCHONDRIAL PROTEIN), GALR3 (GALANIN RECEPTOR) GENE, ESTS, N93695
470	GENE187X	GF200:96(9G2):384(3M3)	METALLOTHIONEIN 1G H53340
471	GENE115X	GF200:96(26C4):384(7E8)	METALLOTHIONEIN 1L N80129
472	GENE317X	GF201:96(89G6):384(11N12)	S100 CALCIUM-BINDING PROTEIN A1 AA425934
473	GENE249X	GF201:96(67D6):384(24G11)	810459 AA457138
474	GENE400X	GF202:96(112G10):384(15N19)	ESTS, WEAKLY SIMILAR TO POTENT HEAT-STABLE PROTEIN PHOSPHATASE 2A INHIBITOR I1PP2A [H.SAPIENS] AA130596
475	GENE96X	GF200:96(24B11):384(6D21)	EPIDIDYMIS-SPECIFIC, WHEY-ACIDIC PROTEIN TYPE, FOUR-DISULFIDE CORE AA451904
476	GENE225X	GF201:96(59A12):384(22A23)	364555 AA022601
477	GENE283X	GF201:96(85B6):384(10D12)	359597 AA010818
478	GENE126X	GF200:96(27C4):384(7F8)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4502327) [H.SAPIENS] R65792
479	GENE262X	GF201:96(80F3):384(9K6)	321488 W32509
480	GENE80X	GF200:96(1B7):384(1C13)	V-MYC AVIAN MYELOCYTOMATOSIS VIRAL ONCOGENE HOMOLOG AA464600
481	GENE380X	GF201:96(99C12):384(14E23)	ELECTRON-TRANSFER-FLAVOPROTEIN, BETA POLYPEPTIDE T62040
482	GENE333X	GF201:96(92H8):384(12O16)	GLUTATHIONE S-TRANSFERASE A4 AA152347
483	GENE230X	GF201:96(63C4):384(23E7)	415064 W93120
484	GENE378X	GF201:96(99A7):384(14A13)	IGG FC BINDING PROTEIN R52030
485	GENE254X	GF201:96(69D7):384(24H14)	323260 W42736
486	GENE392X	GF202:96(111B9):384(15D18)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4502327) [H.SAPIENS] T72850
487	GENE448X	PEROU:96(6C2):384(20E4)	220376 H86813
488	GENE180X	GF200:96(8E2):384(2J3)	MANNOSIDASE, ALPHA 6A8 H45455
489	GENE453X	PEROU:96(6E1):384(20I2)	GLUTATHIONE S-TRANSFERASE M1 W02680
490	GENE99X	GF200:96(24C12):384(6F23)	GLUTATHIONE S-TRANSFERASE M4 AA486669
491	GENE16X	GF200:96(12C8):384(3F15)	GLUTATHIONE S-TRANSFERASE M1 AA290737
492	GENE409X	GF202:96(115A2):384(16B4)	HLA-B ASSOCIATED TRANSCRIPT-3 H67876
493	GENE280X	GF201:96(84A4):384(10A8)	272262 N35592
494	GENE102X	GF200:96(24F4):384(6L7)	FIBROBLAST GROWTH FACTOR RECEPTOR 2 (BACTERIA-EXPRESSED KINASE, KERATINOCYTE GROWTH FACTOR RECEPTOR, CRANIOFACIAL DYSOSTOSIS 1, CROUZON SYNDROME, PFEIFFER SYNDROME, JACKSON-WEISS SYNDROME) AA443093

Table 6

495	GENE25X	GF200:96(12G5):384(3N9)	FIBROBLAST GROWTH FACTOR RECEPTOR 2 (BACTERIA-EXPRESSED KINASE, KERATINOCYTE GROWTH FACTOR RECEPTOR, CRANIOFACIAL DYSOSTOSIS 1, CROUZON SYNDROME, PFEIFFER SYNDROME, JACKSON-WEISS SYNDROME) AA456160
496	GENE340X	GF201:96(94F6):384(12L11)	H.SAPIENS MRNA FOR TRE ONCOGENE (CLONE 210) AA437374

Table 7: Epithelial-enriched gene set

197474 H52098
786609 AA478481
FIBROBLAST ACTIVATION PROTEIN, ALPHA AA405569
LARGE FIBROBLAST PROTEOGLYCAN PRECURSOR AA056022
LARGE FIBROBLAST PROTEOGLYCAN PRECURSOR AA056022
CHONDROITIN SULFATE PROTEOGLYCAN CORE PROTEIN AA722599
PLASMINOGEN ACTIVATOR, UROKINASE RECEPTOR AA147962
FIBRONECTIN 1 R62612
FIBRONECTIN 1 R62612
HUMAN ISOLATE JUSO MUC18 GLYCOPROTEIN MRNA (3' VARIANT), COMPLETE CDS AA497002
H.SAPIENS MRNA FOR INHIBIN BETA(A) SUBUNIT N27159
HUMAN MRNA FOR FIBRONECTIN (FN PRECURSOR) N26285
ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] H77494
244703 N52533
HOMO SAPIENS MRNA FOR NIDOGEN-2 AA479199
LIM DOMAIN ONLY 7 H22826
TACHYKININ, PRECURSOR 1 (SUBSTANCE K, SUBSTANCE P, NEUROKININ 1, NEUROKININ 2, NEUROMEDIN L, NEUROKININ ALPHA, NEUROPEPTIDE K,NEUROPEPTIDE GAMMA) AA446659
INTERLEUKIN 1, BETA W47101
INTERLEUKIN 1, BETA AA150507
RAS-RELATED C3 BOTULINUM TOXIN SUBSTRATE 1 (RHO FAMILY, SMALL GTP BINDING PROTEIN RAC1) AA626787
PROTEIN TYROSINE PHOSPHATASE J AA644448
ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.SAPIENS] N21103
FAT TUMOR SUPPRESSOR (DROSOPHILA) HOMOLOG A159194
271952 N35301
179276 H50323
INOSITOL POLYPHOSPHATE-5-PHOSPHATASE, 145KD AA521067

CHOLINERGIC RECEPTOR, NICOTINIC, EPSILON POLYPEPTIDE R02058
ALDO-KETO REDUCTASE FAMILY 1, MEMBER C1 (DIHYDRODIOL DEHYDROGENASE 1; 20-ALPHA (3-ALPHA)-HYDROXYSTEROID DEHYDROGENASE) R93124
TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY, MEMBER 6 AA293571
CYSTATIN A (STEFIN A) W72207
347436 W81192
ANTILEUKOPROTEINASE AA026192
JAGGED1 (ALAGILLE SYNDROME) R70685
PRION PROTEIN (P27-30) (CREUTZFELD-JAKOB DISEASE, GERSTMANN-STRAUSLER-SCHEINKER SYNDROME, FATAL FAMILIAL INSOMNIA) AA455969
ESTS, WEAKLY SIMILAR TO KIAA0639 PROTEIN [H.SAPIENS] AA284277
843045 AA488420
ALDEHYDE DEHYDROGENASE 6 AA455235
CADHERIN 3, P-CADHERIN (PLACENTAL) AA425556
MDGI/FATTY ACID BINDING PROTEIN 3, MUSCLE AND HEART W04872
TROPONIN I, SKELETAL, FAST AA181334
MATRIX METALLOPROTEINASE 14 (MEMBRANE-INSERTED) N33214
LAMININ, GAMMA 2 (NICEIN (100KD), KALININ (105KD), BM600 (100KD), HERLITZ JUNCTIONAL EPIDERMOLYSIS BULLOSA)) AA677534
ANNEXIN VIII AA252968
ESTS, HIGHLY SIMILAR TO PROBABLE ATAXIA-TELANGIECTASIA GROUP D PROTEIN [H.SAPIENS] A A055486
KERATIN 17 AA026642
KERATIN 17 aa026642
ESTS, HIGHLY SIMILAR TO KERATIN K5, 58K TYPE II, EPIDERMAL [H.SAPIENS] AA160507
KERATIN 5 (EPIDERMOLYSIS BULLOSA SIMPLEX DOWLING-MEARA/KOBNER/WEBER-COCKAYNE TYPES) W72110
ESTS, HIGHLY SIMILAR TO KERATIN K5, 58K TYPE II, EPIDERMAL W72110
BULLOUS PEMPHIGOID ANTIGEN 1 (230/240KD) H44784
S100 CALCIUM-BINDING PROTEIN A2 AA458884
INTEGRIN, BETA 4 AA485668
INTEGRIN, BETA 4 AA076514

2255577 AI679149
LAMININ, ALPHA 3 (NICEIN (150KD), KALININ (165KD), BM600 (150KD), EPILEGRIN) AA001432
COLLAGEN, TYPE XVII, ALPHA 1 H87536
BASONUCLIN R26526
504940 AA150619
HUMAN DNA SEQUENCE FROM CLONE 973M2 ON CHROMOSOME 1Q24.3-31.1 CONTAINS PROSTAGLANDIN-ENDOPEROXIDE SYNTHASE 2 (PROSTAGLANDIN G/H SYNTHASE AND CYCLOOXYGENASE) GENE, ESTS, STS, GSSS AA644211
810904 AA459285
MYOSIN IC AA029956
EPHRIN-B1 AA428778
MATRIX METALLOPROTEINASE 7 (MATRILYSIN, UTERINE) AA031513
294682 W01603
INTEGRIN, ALPHA 3 (ANTIGEN CD49C, ALPHA 3 SUBUNIT OF VLA-3 RECEPTOR) AA293040
INTEGRIN, ALPHA 3 (ANTIGEN CD49C, ALPHA 3 SUBUNIT OF VLA-3 RECEPTOR) AA424695
SERUM AMYLOID A1 H25546
GM2 GANGLIOSIDE ACTIVATOR PROTEIN AA453978
ESTS, WEAKLY SIMILAR TO TRANSPOSON LRE2 REVERSE TRANSCRIPTASE HOMOLOG [H.SAPIENS] W48580
CARBONIC ANHYDRASE II H23187
LATENT TRANSFORMING GROWTH FACTOR BETA BINDING PROTEIN 2 AA424629
SECRETED FRIZZLED-RELATED PROTEIN 1 T68892
LECTIN, GALACTOSIDE-BINDING, SOLUBLE, 7 (GALECTIN 7) W72436
PLASMINOGEN ACTIVATOR, UROKINASE AA284668
ENDOTHELIN RECEPTOR TYPE A AA452627
ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 5231137) [H.SAPIENS] W30988
N-MYC DOWNSTREAM REGULATED AA489261
EPIDERMAL GROWTH FACTOR RECEPTOR (AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL (V-ERB-B) ONCOGENE HOMOLOG) AA234783
359285 AA016234
INTERLEUKIN 4 RECEPTOR AA292025
DIACYLGLYCEROL KINASE, ALPHA (80KD) AA456900

770670 AA476272
FOLATE RECEPTOR 1 (ADULT) R24635
HUMAN MRNA FOR KIAA0300 GENE, PARTIAL CDS AA405458
HUMAN GABA-A RECEPTOR EPSILON SUBUNIT (GABRE) RNA, ALTERNATIVE TRANSCRIPT H63934
SMALL INDUCIBLE CYTOKINE SUBFAMILY D (CYS-X3-CYS), MEMBER 1 (FRACTALKINE, NEUROTACTIN) R66139
HUMAN DNA SEQUENCE FROM PAC 196E23 ON CHROMOSOME XQ26.1-27.2. CONTAINS THE TAT-SF1 (HIV-1 TRANSCRIPTIONAL ELONGATION FACTOR TAT COFACTOR TAT-SF1) GENE, THE BRS3 (BOMBESIN RECEPTOR SUBTYPE-3 (UTERINE BOMBESIN RECEPTOR, BRS-3) GEN AA700322
HUMAN DNA-BINDING PROTEIN ABP/ZF MRNA, COMPLETE CDS W88571
PHOSPHATIDYLINOSITOL-4-PHOSPHATE 5-KINASE, TYPE I, BETA R39069
51406 H18950
503051 AA149250
FATTY ACID BINDING PROTEIN 7, BRAIN N46862
FATTY ACID BINDING PROTEIN 7, BRAIN W72051
MACROPHAGE RECEPTOR WITH COLLAGENOUS STRUCTURE AA485867
HOMO SAPIENS MRNA FOR CALPAIN-LIKE PROTEASE CANPX AA457330
298662 N74313
FORKHEAD (DROSOPHILA)-LIKE 7 N22552
ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA459296
MEGAKARYOCYTE POTENTIATING FACTOR AA488406
PREFERENTIALLY EXPRESSED ANTIGEN OF MELANOMA AA598817
EYES ABSENT (DROSOPHILA) HOMOLOG 2 AA402207
SYNAPTOGYRIN 1 AA007632
PHOSPHOLIPASE C, BETA 4 H22563
TRANSCRIPTION FACTOR AP-2 GAMMA (ACTIVATING ENHANCER-BINDING PROTEIN 2 GAMMA) AA399334
KERATIN 4 AA629189
BONE MORPHOGENETIC PROTEIN 7 (OSTEOGENIC PROTEIN 1) AA029597
BONE MORPHOGENETIC PROTEIN 7 (OSTEOGENIC PROTEIN 1) W73473
KIAA0626 GENE PRODUCT N62737
HUMAN MRNA FOR KIAA0338 GENE, PARTIAL CDS R71689

CERULOPLASMIN (FERROXIDASE) H86554
ESTS, MODERATELY SIMILAR TO (DEFLINE NOT AVAILABLE 4159884) [H.SAPIENS] AA001222
DESMOCOLLIN 2 AA074677
321902 W37448
KERATIN 13 W60057
KERATIN 13 W23757
134011 R31262
49630 H29256
VITAMIN D (1,25- DIHYDROXYVITAMIN D3) RECEPTOR AA485226
SYNDECAN 1 AA074511
SEMA DOMAIN, IMMUNOGLOBULIN DOMAIN (IG), SHORT BASIC DOMAIN, SECRETED, (SEMAPHORIN) 3F AA454570
PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, F AA598513
BUTYRATE RESPONSE FACTOR 1 (EGF-RESPONSE FACTOR 1) AA424743
ANTHRACYCLINE RESISTANCE-ASSOCIATED AA495766
MEMBRANE COMPONENT, CHROMOSOME 1, SURFACE MARKER 1 (40KD GLYCOPROTEIN, IDENTIFIED BY MONOCLONAL ANTIBODY GA733) AA454810
KERATIN 7 AA489569
813520 AA455591
HOMO SAPIENS MRNA; CDNA DKFZP586B2022 (FROM CLONE DKFZP586B2022) T52325
HOMO SAPIENS AGRIN PRECURSOR MRNA, PARTIAL CDS AA458878
ESTS, WEAKLY SIMILAR TO KIAA0319 [H.SAPIENS] AA136133
ANTIQUITIN 1 AA101299
HEXOKINASE 1 AA485272
HEXOKINASE 1 AA485271
LADININ 1 T97710
H.SAPIENS MRNA FOR RECEPTOR TYROSINE KINASE EPH (PARTIAL) N90246
144834 R77251
CREATINE KINASE, MITOCHONDRIAL 1 (UBIQUITOUS) AA019482
364302 AA022462
176461 H43515

RECEPTOR PROTEIN-TYROSINE KINASE EDDR1 H41900
HOMO SAPIENS MRNA FOR INOSITOL 1,4,5-TRISPHOSPHATE 3-KINASE ISOENZYME, PARTIAL CDS N46828
PLEXIN 5 AA496565
810873 AA459197
504225 AA131934
SNF2-RELATED CBP ACTIVATOR PROTEIN AA419088
ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] H97778
ESTS, WEAKLY SIMILAR TO KIAA0281 [H.SAPIENS] N54395
85804 T72068
JUNCTION PLAKOGLOBIN R06417
CDP-DIACYLGLYCEROL SYNTHASE (PHOSPHATIDATE CYTIDYLYLTRANSFERASE) 1 R31562
PROLINE-RICH GLA (G-CARBOXGLUTAMIC ACID) POLYPEPTIDE 2 AA430552
HUMAN DNA SEQUENCE FROM PAC 127B20 ON CHROMOSOME 22Q11.2-QTER, CONTAINS GENE FOR GTPASE-ACTIVATING PROTEIN SIMILAR TO RHOGAP PROTEIN. RIBOSOMAL PROTEIN L6 PSEUDOGENE, ESTS AND CA REPEAT AA037410
ESTS, WEAKLY SIMILAR TO LOW-DENSITY LIPOPROTEIN RECEPTOR-RELATED PROTEIN 1 PRECURSOR [H.SAPIENS] AA489246
416386 W86859
PLACENTAL BIKUNIN (KUNITZ-TYPE SERINE PROTEASE INHIBITOR) AA031287
SERINE PROTEASE INHIBITOR, KUNITZ TYPE, 2 AA459039
HUMAN PLACENTAL BIKUNIN MRNA COMPLETE CDS AA031287
810728 AA457707
HOMO SAPIENS MRNA; CDNA DKFZP586F1318 (FROM CLONE DKFZP586F1318) T77847
147447 R81173
365517 AA009593
417081 W87826
ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4929751) [H.SAPIENS] AA004846
HOMO SAPIENS MRNA; CDNA DKFZP586J2118 (FROM CLONE DKFZP586J2118) R98407
297604 N69835
297604 N69835
DNA SEGMENT, SINGLE COPY PROBE LNS-CAI/LNS-CAII (DELETED IN POLYPOSIS H99681

ESTROGEN RECEPTOR 1 AA164586
275798 R93185
TUMOR PROTEIN D52 AA459318
HUMAN D9 SPLICE VARIANT B MRNA, COMPLETE CDS AA453832
MAJOR GASTROINTESTINAL TUMOR-ASSOCIATED PROTEIN GA733-2 PRECURSOR AA055808
KIAA0351 GENE PRODUCT AA402863
RAB2, MEMBER RAS ONCOGENE FAMILY-LIKE AA401972
NEBULETTE N77806
ESTS, WEAKLY SIMILAR TO UNKNOWN [H.SAPIENS] R01499
486828 AA042878
486828 AA042878
XMP T84249
EPITHELIAL MEMBRANE PROTEIN 2 T88721
KERATIN 8 AA598517
44292 H06273
KERATIN 18 AA070385
KERATIN 18 AA664179
CLAUDIN 4 AA430665
HCPE-R MRNA FOR CPE-RECEPTOR AA506754
HCPE-R MRNA FOR CPE-RECEPTOR W74492
HOMO SAPIENS EPITHELIAL-SPECIFIC TRANSCRIPTION FACTOR ESE-1A (ESE-1) MRNA, COMPLETE CDS AA433851
EPITHELIAL-SPECIFIC TRANSCRIPTION FACTOR ESE-1B (ESE-1) MRNA COMPLETE CDS H27938
SERINE PROTEASE INHIBITOR, KUNITZ TYPE 1 AA464250
TRANSFORMING GROWTH FACTOR, BETA 3 AA040617
TRANSFORMING GROWTH FACTOR BETA 3 AA040616
TRANSFORMING GROWTH FACTOR BETA 3 AA040616
LYSOSOMAL-ASSOCIATED MEMBRANE PROTEIN 1 H29077
ISLET CELL AUTOANTIGEN 1 (69KD) AA491302
ESTS, MODERATELY SIMILAR TO K02E10.2 [C.ELEGANS] T62552

82869 T69270
SELENIUM BINDING PROTEIN 1 T65736
HOMO SAPIENS MRNA FOR HYPOTHETICAL PROTEIN AA487488
PROLACTIN RECEPTOR R63647
321658 W32933
321658 W32933
202658 H53479
202658 H53479
ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] AA464739
197520 H52110
KIAA0182 AA037466
HUMAN MRNA FOR KIAA0182 GENE, PARTIAL CDS H05563
SOLUTE CARRIER FAMILY 9 (SODIUM/HYDROGEN EXCHANGER), ISOFORM 3 REGULATORY FACTOR 1 AA425299
179211 H50224
179211 H50224
FRUCTOSE-BISPHOSPHATASE 1 AA699427
HUMAN ENDOGENOUS RETROVIRUS ENVELOPE REGION MRNA (PL1) AA701655
X-BOX BINDING PROTEIN 1 W90128
HEPATOCYTE NUCLEAR FACTOR 3, ALPHA T74639
GATA-BINDING PROTEIN 3 H72474
GATA-BINDING PROTEIN 3 R31442
GATA-BINDING PROTEIN 3 R31441
GATA-BINDING PROTEIN 3 AA058828
ESTROGEN RECEPTOR 1 AA291702
ESTROGEN RECEPTOR 1 AA291749
ANNEXIN XXXI N76688
ANNEXIN XXXI N76688
HOMO SAPIENS MRNA; CDNA DKFZP434A091 (FROM CLONE DKFZP434A091) AA431988
CANALICULAR MULTISPECIFIC ORGANIC ANION TRANSPORTER C N80617

HOMO SAPIENS MRNA FOR NEUROBLASTOMA, COMPLETE CDS AA481950
CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA036987
CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA598508
CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA036986
HUMAN SECRETORY PROTEIN (P1.B) MRNA, COMPLETE CDS N74131
MSH (DROSOPHILA) HOMEO BOX HOMOLOG 2 AA195636
HUMAN CHROMOSOME 16 BAC CLONE CIT987SK-254P9 H23265
204483 H58234
HUMAN INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) MRNA T52830
INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) AA054451
HUMAN INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) MRNA H08560
HUMAN MRNA FOR KIAA0061 GENE, PARTIAL CDS N33237
HUMAN MRNA FOR KIAA0143 GENE, PARTIAL CDS AA112057
CYSTEINE-RICH PROTEIN 2 AA485427
PDGF BETA T49539
67654 T49539
RAS HOMOLOG GENE FAMILY, MEMBER B H89046
RAS HOMOLOG GENE FAMILY, MEMBER B AA495846
140018 R63971
140018 R63971
81475 T63511
CYTOCHROME P450, SUBFAMILY IIJ (ARACHIDONIC ACID EPOXYGENASE) POLYPEPTIDE 2 H09076
P53-INDUCED PROTEIN H12189
HOMO SAPIENS BREAST CANCER PUTATIVE TRANSCRIPTION FACTOR (ZABC1) MRNA, COMPLETE CDS AA460802
HOMO SAPIENS BREAST CANCER PUTATIVE TRANSCRIPTION FACTOR (ZABC1) MRNA, COMPLETE CDS AA782528
SULFOTRANSFERASE FAMILY 2B, MEMBER 1 R73584
HEREDITARY HEMOCHROMOTOSIS R07647
MUCIN 1, TRANSMEMBRANE AA488073
156053 R72491

447786 AA702350
415317 W92160
IGG FC BINDING PROTEIN R52030
EPIDIDYMIS-SPECIFIC, WHEY-ACIDIC PROTEIN TYPE, FOUR-DISULFIDE CORE AA451904
SRC KINASE-ASSOCIATED PHOSPHOPROTEIN OF 55 KDA R01281
CARBONIC ANHYDRASE XI N52089
PHOSPHOFRUCTOKINASE, MUSCLE AA099169
HUMAN HEART MRNA FOR HEAT SHOCK PROTEIN 90, PARTIAL CDS AA064973
130843 R22306
470105 AA029949
H2B HISTONE FAMILY, MEMBER Q AA010223
H2B HISTONE FAMILY, MEMBER Q AA456695
H2A HISTONE FAMILY, MEMBER L N50797
H1 HISTONE FAMILY, MEMBER 2 T66816
322461 W15305
289734 N62965
DUAL SPECIFICITY PHOSPHATASE 4 AA444049
CALCIUM CHANNEL, VOLTAGE-DEPENDENT, ALPHA 2/DELTA SUBUNIT 2 N53512
ACYL-COENZYME A DEHYDROGENASE, SHORT/BRANCHED CHAIN H96140
CYTOCHROME P450, SUBFAMILY IIB (PHENOBARBITAL-INDUCIBLE), POLYPEPTIDE 6 H41908
PROTEASE INHIBITOR 12 (NEUROSERPIN) AA115876
HUMAN DNA SEQUENCE FROM CLONE 167A19 ON CHROMOSOME 1P32.1-33. CONTAINS THREE GENES FOR NOVEL PROTEINS, THE DIO1 GENE FOR TYPE I IODOTHYRONINE DEIODINASE (EC 3.8.1.4, TXDI1, ITDI1) AND AN HNRNP A3 (HETEROGENOUS NUCLEAR RIBONUCLEOPR N74025
AUTOCRINE MOTILITY FACTOR RECEPTOR AA479243
CYTOCHROME P450, SUBFAMILY IIA (PHENOBARBITAL-INDUCIBLE), POLYPEPTIDE 7 T73031
ANGIOTENSIN RECEPTOR 1 H66116
ESTS, WEAKLY SIMILAR TO TUMOROUS IMAGINAL DISCS PROTEIN TID56 HOMOLOG [H.SAPIENS] T95268
QUINOID DIHYDROPTERIDINE REDUCTASE R38198
LYMPHOID NUCLEAR PROTEIN RELATED TO AF4 H99588

NUCLEOPORIN 88KD AA479888
307220 N95180
HOMO SAPIENS MRNA; CDNA DKFZP564P0662 (FROM CLONE DKFZP564P0662) R27680
HEPSIN (TRANSMEMBRANE PROTEASE, SERINE 1) H62162
ESTS, HIGHLY SIMILAR TO TRANSCRIPTION ELONGATION FACTOR TFIIS.H [H.SAPIENS] R09980
795744 AA460298
N-ACETYLTRANSFERASE 1 (ARYLAMINE N-ACETYLTRANSFERASE) R91803
N-ACETYLTRANSFERASE 1 (ARYLAMINE N-ACETYLTRANSFERASE) T67128
503581 AA131239
HUMAN BREAST CANCER, ESTROGEN REGULATED LIV-1 PROTEIN (LIV-1) MRNA, PARTIAL CDS H29407
N-ACYLSPHINGOSINE AMIDOHYDROLASE (ACID CERAMIDASE) AA664155
EPOXIDE HYDROLASE 2, CYTOPLASMIC R73525
B-CELL CLL/LYMPHOMA 2 W63749
ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4929557) [H.SAPIENS] T74688
BASIC HELIX-LOOP-HELIX DOMAIN CONTAINING, CLASS B, 2 T62084
FORKHEAD (DROSOPHILA) HOMOLOG 1 (RHABDOMYOSARCOMA) AA448277
ACTIVATED P21CDC42HS KINASE AA427891
HUMAN MRNA FOR KIAA0303 GENE, PARTIAL CDS AA418846
487929 AA045481
ZINC FINGER PROTEIN HOMOLOGOUS TO ZFP103 IN MOUSE AA429297
CELL DIVISION CYCLE 4-LIKE AA041499
ESTS, WEAKLY SIMILAR TO P1.11659_5 N47593
ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4502327) [H.SAPIENS] T72850
ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] R70598
220376 H86813
HOMO SAPIENS MRNA; CDNA DKFZP434H071 (FROM CLONE DKFZP434H071) T41078
ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA669222
T3 RECEPTOR-ASSOCIATING COFACTOR-1 [HUMAN, FETAL LIVER, MRNA, 2930 NT] AA400234

416556 W86987
418240 W90241
KIAA0130 GENE PRODUCT N76581
ERBB-2 RECEPTOR PROTEIN-TYROSINE KINASE PRECURSOR AA025141
STEROIDOGENIC ACUTE REGULATORY PROTEIN RELATED AA504710
ERBB2-POLYA X03363
V-ERB-B2 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA025141
V-ERB-B2 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA443351
ERBB2 AA481939
GROWTH FACTOR RECEPTOR-BOUND PROTEIN 7 H53703
68400 T57034
68400 T57034
SWI/SNF RELATED, MATRIX ASSOCIATED, ACTIN DEPENDENT REGULATOR OF CHROMATIN, SUBFAMILY E, MEMBER 1 W63613
ESTS, WEAKLY SIMILAR TO ENVELOPE PROTEIN [H.SAPIENS] W37778
271076 N29918

Table 8: Luminal gene subset

B-CELL CLL/LYMPHOMA 2 W63749
ESTS, WEAKLY SIMILAR TO MEMBRANE GLYCOPROTEIN [M.MUSCULUS] AA159578
51700 H22854
NEBULETTE N77806
HUMAN DNA SEQUENCE FROM CLONE 167A19 ON CHROMOSOME 1P32.1-33. CONTAINS THREE GENES FOR NOVEL PROTEINS, THE DIO1 GENE FOR TYPE I IODOTHYRONINE DEIODINASE (EC 3.8.1.4, TXDI1, ITDI1) AND AN HNRNP A3 (HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN N74025
PROLACTIN RECEPTOR R63647
202658 H53479
202658 H53479
609283 AA167189
MYOSIN VI AA625890
470216 AA028987
N-ACETYLTRANSFERASE 1 (ARYLAMINE N-ACETYLTRANSFERASE) R91803
HOMO SAPIENS MRNA; CDNA DKFZP434A091 (FROM CLONE DKFZP434A091) AA431988
358936 W92233
SEVEN IN ABSENTIA (DROSOPHILA) HOMOLOG 2 AA029041
HEPSIN (TRANSMEMBRANE PROTEASE, SERINE 1) H62162
417081 W87826
470105 AA029949
HUMAN SECRETORY PROTEIN (P1.B) MRNA, COMPLETE CDS N74131
HEPATOCYTE NUCLEAR FACTOR 3, ALPHA T74639
X-BOX BINDING PROTEIN 1 W90128
ESTROGEN RECEPTOR 1 AA291702
ESTROGEN RECEPTOR 1 AA291749
GATA-BINDING PROTEIN 3 H72474
GATA-BINDING PROTEIN 3 R31441
GATA-BINDING PROTEIN 3 R31442

ANNEXIN XXXI N76688
HUMAN BREAST CANCER, ESTROGEN REGULATED LIV-1 PROTEIN (LIV-1) MRNA, PARTIAL CDS H29407
346321 W74079
HUMAN CHROMOSOME 16 BAC CLONE CIT987SK-254P9 H23265
71863 T52564
271989 N31935
ESTS, HIGHLY SIMILAR TO INOSITOL POLYPHOSPHATE 4-PHOSPHATASE TYPE II-ALPHA [H.SAPIENS] R86721
179211 H50224
179211 H50224
MURINE LEUKEMIA VIRAL (BMI-1) ONCOGENE HOMOLOG T87515
MURINE LEUKEMIA VIRAL (BMI-1) ONCOGENE HOMOLOG AA478036
LUTHERAN BLOOD GROUP (AUBERGER B ANTIGEN INCLUDED) H24954
HOMO SAPIENS (PWD) GENE MRNA, 3' END N26536
782547 AA431796
ACYL-COENZYME A DEHYDROGENASE, SHORT/BRANCHED CHAIN H96140
CARNITINE PALMITOYLTRANSFERASE II N70848
ALDO-KETO REDUCTASE FAMILY 7, MEMBER A2 (AFLATOXIN ALDEHYDE REDUCTASE) T62865
CYTOCHROME P450, SUBFAMILY IIA (PHENOBARBITAL-INDUCIBLE), POLYPEPTIDE 7 T73031
ANGIOTENSIN RECEPTOR 1 H66116
LYMPHOID NUCLEAR PROTEIN RELATED TO AF4 H99588
HUMAN MRNA FOR KIAA0303 GENE, PARTIAL CDS AA418846
EPOXIDE HYDROLASE 2, CYTOPLASMIC R73525
DUAL SPECIFICITY PHOSPHATASE 4 AA444049

Table 9: Basal gene subset 1

DUAL SPECIFICITY PHOSPHATASE 6 AA630374
LAMININ, GAMMA 2 (NICEIN (100KD), KALININ (105KD), BM600 (100KD), HERLITZ JUNCTIONAL EPIDERMOLYSIS BULLOSA)) AA677534
MATRIX METALLOPROTEINASE 14 (MEMBRANE-INSERTED) N33214
COLLAGEN, TYPE XVII, ALPHA 1 H87536
CALPONIN 1, BASIC, SMOOTH MUSCLE AA399519
PLEIOTROPHIN (HEPARIN BINDING GROWTH FACTOR 8, NEURITE GROWTH-PROMOTING FACTOR 1) AA001449
PLEIOTROPHIN (HEPARIN BINDING GROWTH FACTOR 8, NEURITE GROWTH-PROMOTING FACTOR 1) AA001449
1912786 AI304356
GELSOLIN (AMYLOIDOSIS, FINNISH TYPE) H72027
BULLOUS PEMPHIGOID ANTIGEN 1 (230/240KD) H44784
SMALL INDUCIBLE CYTOKINE SUBFAMILY D (CYS-X3-CYS), MEMBER 1 (FRACTALKINE, NEUROTACTIN) R66139
KERATIN 17 aa026642
KERATIN 17 AA026642
KERATIN 5 (EPIDERMOLYSIS BULLOSA SIMPLEX DOWLING-MEARA/KOBNER/WEBER-COCKAYNE TYPES) W72110
ESTS, HIGHLY SIMILAR TO KERATIN K5, 58K TYPE II, EPIDERMAL W72110
ESTS, HIGHLY SIMILAR TO PROBABLE ATAXIA-TELANGIECTASIA GROUP D PROTEIN [H.SAPIENS] AA055486
CRYSTALLIN, ALPHA B AA504943
CAVEOLIN 2 T89391
ANNEXIN I (LIPOCORTIN I) H63077
DYSTROPHIN (MUSCULAR DYSTROPHY, DUCHENNE AND BECKER TYPES), INCLUDES DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272 AA461118
DIHYDROPYRIMIDINASE-LIKE 2 AA487674

Table 9: Basal gene subset 2

EPIDERMAL GROWTH FACTOR RECEPTOR (AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL (V-ERB-B) ONCOGENE HOMOLOG) AA234783
GRO1 ONCOGENE (MELANOMA GROWTH STIMULATING ACTIVITY, ALPHA) W42723
PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUBUNIT, POLYPEPTIDE 1 (P85 ALPHA) R54050
HUMAN DNA-BINDING PROTEIN ABP/ZF MRNA, COMPLETE CDS W88571
ANTILEUKOPROTEINASE AA026192
FATTY ACID BINDING PROTEIN 7, BRAIN W72051
CHITINASE 3-LIKE 2 AA668821
TRANSMEMBRANE 4 SUPERFAMILY MEMBER 1 AA088439
TRANSMEMBRANE 4 SUPERFAMILY MEMBER 1 N47476
HOMO SAPIENS MRNA FOR CALPAIN-LIKE PROTEASE CANPX AA457330
KERATIN 7 AA489569
LADININ 1 T97710
CADHERIN 3, P-CADHERIN (PLACENTAL) AA425556
PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, K R79082
SRY (SEX-DETERMINING REGION Y)-BOX 9 (CAMPOMELIC DYSPLASIA, AUTOSOMAL SEX-REVERSAL) AA400739
KERATIN 13 W23757
KERATIN 13 W60057
2255577 AI679149
INTEGRIN, BETA 4 AA076514
TROPONIN I, SKELETAL, FAST AA181334

Table 10: ErbB2 gene subset

ERBB-2 RECEPTOR PROTEIN-TYROSINE KINASE PRECURSOR AA025141
ERBB2 AA481939
ERBB2-POLYA X03363
V-ERB-B2 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA443351
V-ERB-B2 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA025141
GROWTH FACTOR RECEPTOR-BOUND PROTEIN 7 H53703
STEROIDOGENIC ACUTE REGULATORY PROTEIN RELATED AA504710
68400 T57034
68400 T57034
SWI/SNF RELATED, MATRIX ASSOCIATED, ACTIN DEPENDENT REGULATOR OF CHROMATIN, SUBFAMILY E, MEMBER 1 W63613
TNF RECEPTOR-ASSOCIATED FACTOR 4 AA598826
347348 W81186
FLOTILLIN 2 R73545
TGFB1-INDUCED ANTI-APOPTOTIC FACTOR 1 AA446222

Table 11: Endothelial Gene Subset

TISSUE FACTOR PATHWAY INHIBITOR (LIPOPROTEIN-ASSOCIATED COAGULATION INHIBITOR) T47454
ALDEHYDE DEHYDROGENASE 1, SOLUBLE AA664101
HOMO SAPIENS MRNA FOR KIAA0758 PROTEIN, PARTIAL CDS N95226
VON WILLEBRAND FACTOR AA487787
PLATELET/ENDOTHELIAL CELL ADHESION MOLECULE (CD31 ANTIGEN) R22412
MANIC FRINGE (DROSOPHILA) HOMOLOG H22922
INTERCELLULAR ADHESION MOLECULE 2 R21535
245147 N76361
REGULATOR OF G-PROTEIN SIGNALLING 5 AA668470
TEK TYROSINE KINASE, ENDOTHELIAL (VENOUS MALFORMATIONS, MULTIPLE CUTANEOUS AND MUCOSAL) H02848
LIM BINDING DOMAIN 2 H74106
KINASE SCAFFOLD PROTEIN GRAVIN AA478542
359722 AA011182
TYROSINE KINASE WITH IMMUNOGLOBULIN AND EPIDERMAL GROWTH FACTOR HOMOLOGY DOMAINS AA432062
CD34 ANTIGEN AA434483
HUMAN DNA SEQUENCE FROM CLONE 1033B10 ON CHROMOSOME 6P21.2-21.31. CONTAINS THE BING5 GENE, EXONS 11 TO 15 OF THE BING4 GENE, THE GENE FOR GALT3 (BETA3-GALACTOSYLTRANSFERASE), THE RPS18 (40S RIBOSOMAL PROTEIN S18) GENE, THE SACM2 N78611
69672 T53626
HOMO SAPIENS KDR/FLK-1 PROTEIN MRNA, COMPLETE CDS AA026831

Table 12: Stromal/Fibroblast Gene Subset

MUSCULIN (ACTIVATED B-CELL FACTOR-1) AA470081
COLLAGEN, TYPE V, ALPHA 1 R75635
471748 AA035018
SMOOTH MUSCLE ACTIN, ALPHA2 AA040169
TRANSGELIN/SM22 AA010664
SMOOTH MUSCLE PROTEIN 22-ALPHA AA010664
LUMICAN AA035657
FIBULIN 1 AA614680
COLLAGEN, TYPE VI, ALPHA 3 R62603
HOMO SAPIENS OSF-2 MRNA FOR OSTEOBLAST SPECIFIC FACTOR 2 (OSF-2P1), COMPLETE CDS AA598653
COLLAGEN, TYPE III, ALPHA 1 (EHLERS-DANLOS SYNDROME TYPE IV, AUTOSOMAL DOMINANT) T98612
COLLAGEN, TYPE I, ALPHA 1 W90360
COLLAGEN, TYPE I, ALPHA 2 AA490172
COLLAGEN, TYPE III, ALPHA 1 (EHLERS-DANLOS SYNDROME TYPE IV, AUTOSOMAL DOMINANT) AA044829
COLLAGEN, TYPE III, ALPHA 1 (EHLERS-DANLOS SYNDROME TYPE IV, AUTOSOMAL DOMINANT) T98612
COLLAGEN, TYPE I, ALPHA 2 W93067
THY-1 CELL SURFACE ANTIGEN AA496283
HOMO SAPIENS, ALPHA-1 (VI) COLLAGEN AA046525
COLLAGEN, TYPE VI, ALPHA 1 AA047209
COLLAGEN, TYPE VI, ALPHA 1 AA047209
HUMAN ALPHA-2 COLLAGEN TYPE VI MRNA, 3' END AA633747
HUMAN METHIONINE SYNTHASE MRNA, COMPLETE CDS AA233650
265694 N25353

Table 13: B-cell gene subset

IMMUNOGLOBULIN GAMMA 3 (GM MARKER) AA663981
COLONY STIMULATING FACTOR 1 (MACROPHAGE) N92646
NEUTROPHIL CYTOSOLIC FACTOR 1 (47KD, CHRONIC GRANULOMATOUS DISEASE, AUTOSOMAL 1) AA489666
IMMUNOGLOBULIN LAMBDA-LIKE POLYPEPTIDE 2 W73790
IMMUNOGLOBULIN LAMBDA LIGHT CHAIN R50297
HUMAN REARRANGED IMMUNOGLOBULIN LAMBDA LIGHT CHAIN MRNA N64851
HUMAN REARRANGED IMMUNOGLOBULIN LAMBDA LIGHT CHAIN MRNA T67053
HUMAN IG J CHAIN GENE H24896
IMMUNOGLOBULIN J CHAIN H24896
HUMAN IG J CHAIN GENE T70057
MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DQ BETA 1 R73128
IMMUNOGLOBULIN MU H73590
EARLY DEVELOPMENT REGULATOR 2 (HOMOLOG OF POLYHOMEOTIC 2) AA598840
MAX-INTERACTING PROTEIN 1 AI087032

Table 14: Adipose-enriched/Normal breast gene subset

MESENCHYME HOMEO BOX 1 AA426311
INSULIN-LIKE GROWTH FACTOR 1 (SOMATOMEDIN C) AA456321
CYCLIN-DEPENDENT KINASE INHIBITOR 1C (P57, KIP2) R81336
78946 T61792
FATTY ACID BINDING PROTEIN 4, ADIPOCYTE AA046090
FATTY ACID BINDING PROTEIN 4, ADIPOCYTE AI652163
FATTY ACID BINDING PROTEIN 4, ADIPOCYTE N92901
MDGI/FATTY ACID BINDING PROTEIN 3, MUSCLE AND HEART AA128926
CD36 ANTIGEN (COLLAGEN TYPE I RECEPTOR, THROMBOSPONDIN RECEPTOR) R09416
CD36 ANTIGEN (COLLAGEN TYPE I RECEPTOR, THROMBOSPONDIN RECEPTOR) N39161
GLUTATHIONE PEROXIDASE 3 (PLASMA) AA664180
FOUR AND A HALF LIM DOMAINS 1 AA456394
ALCOHOL DEHYDROGENASE 2 (CLASS I), BETA POLYPEPTIDE N93428
AQUAPORIN 7 H27752
484535 AA036974
LIPOPROTEIN LIPASE AA633835
GLYCEROL-3-PHOSPHATE DEHYDROGENASE 1 (SOLUBLE) AA192547
RETINOL-BINDING PROTEIN 4, INTERSTITIAL T72220
INTEGRIN, ALPHA 7 AA055979
85660 T62068
PHOSPHOLEMMAN H57136
AQUAPORIN 1 (CHANNEL-FORMING INTEGRAL PROTEIN, 28KD) H24316
APOLIPOPROTEIN A-I R97710
SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 14 R96668
PEROXISOME PROLIFERATIVE ACTIVATED RECEPTOR, GAMMA AA088517
ENDOTHELIN RECEPTOR TYPE B H28710

Table 15: Macrophage gene subset

ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.SAPIENS] T94293
CHITINASE 1 T94272
53341 R15934
SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 18, PULMONARY AND ACTIVATION-REGULATED AA495985
FOLYLPOLYGLUTAMATE SYNTHASE R44864
LYSOZYME (RENAL AMYLOIDOSIS) N63943
LYSOZYME (RENAL AMYLOIDOSIS) N63943
TRANSCRIPTION FACTOR AP-2 ALPHA (ACTIVATING ENHANCER-BINDING PROTEIN 2 ALPHA) N63770
LIPASE A, LYSOSOMAL ACID, CHOLESTEROL ESTERASE (WOLMAN DISEASE) AA630104
CD68 ANTIGEN AA421296
ACID PHOSPHATASE 5, TARTRATE RESISTANT R08816
FC FRAGMENT OF IGE, HIGH AFFINITY I, RECEPTOR FOR; GAMMA POLYPEPTIDE R79170
CATHEPSIN Z AA488341

Table 16: T-cell gene subset

INTERLEUKIN 10 RECEPTOR, ALPHA AA437226
INTEGRIN, ALPHA L, CD11A R48796
742143 AA406027
T-CELL RECEPTOR, BETA CLUSTER N91921
80186 T64192
T-CELL RECEPTOR, DELTA (V,D,J,C) AA670107
ESTS, WEAKLY SIMILAR TO S-ACYL FATTY ACID SUNTHETASE THIO ESTER HYDROLASE, MEDIUM CHAIN [R.NORVEGICUS] AA470066
LYMPHOCYTE-SPECIFIC PROTEIN TYROSINE KINASE AA420981
CD3D ANTIGEN, DELTA POLYPEPTIDE (TIT3 COMPLEX) AA055946
CD3G ANTIGEN, GAMMA POLYPEPTIDE (TIT3 COMPLEX) T66800
TRANSCRIPTION FACTOR DP-2 (E2F DIMERIZATION PARTNER 2) AA465444

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
		1	1	1	1	1	1	1	1	1
1	1	0.2038	-0.5431	-0.045	0.04438	-0.1831	-0.4656	0.065	0.4644	-4.215
2	1	-0.03563	-0.8125	-2.014	-0.525		-2.595	0.3356	0.475	-0.4644
3	1	-0.1206	0.4425	0.6706	-0.65	0.2825	-1.04	0.3706	1.14	-1.829
4	1	0.02	1.693	-0.4388		-0.5369	-1.559		-0.01938	
5	1	-0.4288		-0.6375	-0.2581		-2.018	1.882	1.442	1.952
6	1	-0.1513		-0.33	-0.1206				1.209	0.36
7	1	-0.07125	-0.2781	-0.47	0.1194	-0.5581	-0.5506	1.5	1.389	1.09
8	1	-0.6612	0.3319	-0.3	-0.000625	-0.8081	-0.8606	0.95	0.4894	0.53
9	1	0.4538		-0.175	0.6044	-0.5831	-0.4056	0.075	-0.5456	-0.205
10	1	0.6588		0.47	-0.01062	-1.238	0.3194	0.13	0.5794	0.49
11	1	0.2644	0.8975	0.8356		0.6275	-0.245	0.3056		0.2456
12	1	-0.3812	0.2519	-2.91E-09		0.6619	-0.2206	0.22		0.59
13	1	0.01875	-0.4881	-0.43	1.409	-0.4481	0.4994	0.53	1.189	0.3
14	1	-1.059	1.184	-1.348	1.012	-1.936	-1.948	-0.6775	0.6119	2.122
15	1	-0.755	1.438	-0.6638	1.336		-2.544		0.8456	
16	1	-0.86	-0.4669	0.7812	0.5706	-0.5069	0.4706	-0.3788	0.6306	-0.2988
17	1	1.353	0.01594	0.7141	1.673	-0.5741		1.484	-0.7366	1.314
18	1	0.7628	0.01594	-0.02594	0.6934	-1.394	-0.9466	-0.2859	-0.01656	3.454
19	1	0.2587	1.952	-0.27	-1.211	-0.5681	-1.071		-1.801	-0.34
20	1	-0.3913	-0.9681	-0.64	-0.5806	-0.7181	-1.001	0.26	0.06937	0.33
21	1	-0.1306	2.583	-0.4894	-0.53	-0.8875				
22	1	0.05875	0.5119	-0.56	-0.5006	-0.5181	-0.1406	-0.68	-1.291	0
23	1	-1.161	-0.1981	0.3	-0.8506	-0.7181	0.6894	1.68	0.4694	1.53
24	1	-0.1513	-0.07813	-0.64	0.4194	0.5719	-2.131	1.17	0.6894	-0.23
25	1	-0.4663	-1.203	-1.065	0.5844	-0.4731	-3.336	1.115	0.8144	-0.585
26	1	-1.08	0.3231	0.5912	0.9506	0.8831	0.2606		0.000625	0.3812
27	1	1.793	3.056	3.094	2.123	-0.2741	-1.217			-1.366
28	1	-0.7863	-0.7331	-0.465	-0.7456	1.537	-1.676	-1.435	2.154	0.145
29	1	0.1288	-0.8881	-0.83	-0.000625	-0.1981	-0.9706	-1.81	1.209	1.36
30	1	-0.1312	-0.7681	-2.91E-09	-0.5306	-0.3481	0.3894	1.84	1.009	1.4
31	1	-0.01656	0.01656	-0.1053	-0.2859		0.09406	2.425	0.7841	1.555
32	1	-0.4713	-0.5381	0.93	-1.231	0.2219	0.1994	3.46	-0.7306	2.74
33	1	-1.156	0.5769	2.095	-1.086					1.405
34	1	-0.4612		-0.2	-0.5206	-0.02812	0.3794			1.17
35	1	0.4687	0.3719	0.81	-0.02063	-1.168	-1.201	2.34	3.429	0.1
36	1	0.4828	-0.1441	0.2341	0.3134	0.03594		1.984	2.253	-0.07594

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
37	1	0.06875	-0.7681	-1.22		-2.208	-1.671	1.96	2.869	2.04
38	1	-0.8188	1.014	-1.278	-1.118		-1.178	3.412	3.262	-0.6075
39	1	-0.2612	0.7819	-0.96	-1.971	-1.458	-1.421	3.13	3.069	-1.05
40	1	-0.9263		-2.365	-1.896			1.445	2.244	1.265
41	1	-0.6712	-1.098	-1.34	-1.821	-1.398	-1.821	1.77	2.299	1.64
42	1	-0.1512	-1.198	-0.8	-1.321	-0.1381	-1.921	2.65	3.129	2.53
43	1	-0.3512	-0.6981	-0.14	-0.1306	-0.2481	-0.7706	1.94	2.789	-0.47
44	1	-0.07719	-0.06406	0.01406	-0.4666	-0.01406	0.1734	3.424	2.133	-0.05594
45	1	-0.2488	0.1244	-0.2775	2.252	0.8744	0.4819	2.002	0.3019	-0.7475
46	1	0.02438	0.2575	0.1456	-0.025	-0.2425	-0.865	1.016	0.425	1.076
47	1	-0.1206	-0.5675	-1.559	-1.21	-0.4475	0.86	2.731	2	1.921
48	1	-0.005625	0.3375	0.005625	-0.175		-1.075	1.026	3.195	-0.4144
49	1	-2.26E-09		1.941	-0.7894	-4.047	-1.719		4.131	0.4812
50	1	-0.9212			-1.281	-0.5781	-1.091	2.87	2.959	
51	1	1.87		1.551	0.1906	0.7531	-0.5094	3.611	3.561	1.911
52	1	-0.03125		-0.55	2.589			4.83	3.229	2.45
53	1	-1.332		0.4491	-1.752	0.03094	-1.122	3.719	4.498	1.969
54	1	0.1494	1.423	-1.159	-0.68		3.26	7.041	6.48	
55	1	-0.8588	0.5244	0.2125	-0.09813	0.4644	-0.5281	5.022	2.552	3.982
56	1	0.3212		0.2025	-0.6081	-0.2756			4.922	-0.1075
57	1	-0.7462	1.047	0.755	-0.8856	0.09688	0.2944		7.354	-0.975
58	1	1.921	1.754	1.132	-0.3881		-2.428	4.462	5.242	-0.2575
59	1	-0.8612		-0.19	-1.041	-0.05812	-2.071	7.66	8.849	2.34
60	1	-0.5622	-0.1891	-0.5009	-1.592	-0.02906	-1.072	3.969	4.698	
61	1	-1.036	0.7969	-0.345	-1.286	0.9669	-1.146		8.644	0.025
62	1	-0.3012		-2.91E-09		0.2419	0.06937	5.39	4.829	-0.91
63	1	-2.26E-09	0.1131	-0.6488	-2.129			5.261	5.331	-1.419
64	1	-2.26E-09	0.4531	-0.4988	-1.239	0.1631	-1.399	5.661	4.221	0.1712
65	1	0.1588	1.572	-0.24	-0.1406	-1.068	-2.021	6.78	5.629	-0.89
66	1	-0.1112	0.05188	-0.51	-0.7406	-0.4381		7.67	6.439	0.11
67	1	-1.161	0.7219	-0.23			-1.851	5.83	4.629	
68	1	0.1838	-0.2431	-0.055	0.02438	-0.1431	-0.3656	3.975	3.864	-0.045
69	1	0.2188	-0.1181	-2.91E-09	-0.000625	-0.1681	-0.01063	6.11	6.689	0.98
70	1	0.3787		0.57	2.079	0.8319	2.719	5.47	4.389	-0.35
71	1	-0.4612	-0.2181	-0.07	0.6594	1.532	0.7794	3.05	2.999	-0.4
72	1	-0.3013	1.792	0.19	-1.331			3.99	3.279	-4.02E-09
73	1	-0.8213	0.2619	-0.78	-1.781	-0.4781	-1.641	4.66	4.689	1.33

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
74	1	-0.4513	-0.8881	-1.22	-0.01063	-0.06813	-1.391	2.34	2.159	1.2
75	1	-2.26E-09	-0.06687	0.1312	-0.009375	0.3831	0.2306	3.861	3.621	-1.399
76	1	-0.1244	-0.8512	0.3569	0.2063	-0.8112	0.6262	3.907	3.696	
77	1	0.2688	-0.2381	0.16	0.2094	-0.6281	-0.2906	3.03	2.829	-0.47
78	1	-0.1312	0.7719	0.89	1.159	0.3719	-0.4906	1.07	1.599	-0.04
79	1	1.121	1.144	0.5125	3.042	1.974	-1.198	3.602	4.302	1.022
80	1	1.389	-0.2981	0.58	2.609	1.642	-0.9206	3.61	4.329	0.75
81	1	0.9078	0.7209	0.7591	1.778	-0.7991		1.659	3.218	-1.541
82	1	-0.1331	0	-0.4619	-1.063	-0.88	-1.723	4.528	5.727	-0.07188
83	1	0.1794	-0.2575	-0.4994	-0.85		-1.08	4.631	5.98	-0.2294
84	1	0.3188		-0.1	-1.261		-0.2406		3.749	0
85	1	3.004	0.7169		-1.166	-0.7931				-0.495
86	1	4.229	2.112	1.03	-1.541	0.2519	-1.181	-0.13	3.319	-0.13
87	1	2.049	1.492	1.27	0.8994		-2.691	1.43	3.249	0
88	1	-2.26E-09		-0.2988	-1.709		0.4706			-0.2088
89	1	-0.03063	1.032	0.8206	-1.12	-0.2775	-0.64	1.211	3	1.921
90	1	0.1478	0.09094	-0.09094	-0.9716	-1.929	-2.772	3.469	2.538	2.649
91	1	2.79	2.373	1.831	2.491	-0.5169	0.000625	3.081	3.271	0.9513
92	1	2.8	2.193	1.371	3.011	-0.4369	0.000625	3.891	3.681	1.051
93	1	1.673	1.626	1.544	2.273	-0.01406		3.124	3.203	-1.106
94	1	2.769	2.592	2.08	3.739	-1.688			4.189	-1.09
95	1	0.6269	0	0.008125	2.167	-0.05	-2.973	3.098	2.257	2.598
96	1	1.029	-0.1881	-2.91E-09	0.7294	-3.168	-3.211	2.96	2.979	0.66
97	1	1.049	-0.3681	-2.91E-09	0.6294	-3.898	-4.061	3.05	3.319	1.04
98	1	1.503	0.07594	0.3941	0.6034	-0.8041	-2.787	2.154	2.733	-3.156
99	1	1.188	0.04094	-0.04094	0.5484	0.3409	-1.022	1.999	2.708	-2.391
100	1	1.399	-0.1281	0.09	0.4294	-0.3881	-2.751	2.18	3.249	-2.48
101	1	1.759	0.2419	-0.05	0.6394	-0.3781	-3.801	2.41	3.069	-3.27
102	1	1.758	0.2609	1.669	2.248	-2.099	-2.682	1.789	3.348	-1.731
103	1	0.4769	0		0.8675	-0.93		0.5781	2.237	-1.142
104	1	0.2937	-0.6131	-0.125	0.7444	-1.423	-1.266	2.205	2.664	-0.455
105	1	-0.2912	-0.1581	-2.91E-09	0.1494	0.2419	-2.081	1.92	2.119	-0.85
106	1	1.667	0	1.228	0.8275	-0.53	-2.273	3.128	3.297	1.728
107	1	-0.4313	-0.8581	0.05	0.4994	-0.03813	-0.6206	0.8	1.499	0.2
108	1	0.4312	-0.05562	-0.0375	0.2519	0.1844	-0.1881	1.592	2.392	1.062
109	1	1.294	0.4969	0.015	0.8944	-1.533	-1.376	4.185	2.514	0.045
110	1	2.269	1.242	0.95	1.679	-1.008	-1.331	7.29	4.239	-0.31

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
111	1	1.559	1.262		1.299	-0.1581	-1.201		3.379	-0.78
112	1	-0.2812	0.4319	0.73	-0.1306	0.3119	-0.5706	0.87	1.219	0
113	1	1.439	1.502	1.13				2.37	2.309	0
114	1	1.329	0.5119	0.5	-0.4406	-1.608	-1.451	2.63	3.059	0.88
115	1	1.117	0	-0.6819	-0.5425	-2.56	-1.923	4.738	5.377	2.438
116	1	1.269	0.1519	-0.51	-0.2606	-1.688	-1.381	4.57	5.029	2.54
117	1	1.367	0	-0.5519	-0.4225	-1.83	-1.873	4.018	5.357	2.728
118	1	-0.1706	-0.4275	0.5306	-0.03	0.6725	0.03	1.731	4.47	-2.349
119	1	-2.19		-0.5788	-2.639		0.000625		2.261	0.00125
120	1	-2.321	-0.3781	-2.26	-2.521		-2.681	2.03	2.209	0.91
121	1	-0.6731		-1.622	-3.023	-2.79E-10		3.658	3.037	-2.132
122	1	-1.146	0.4369	-1.155	-2.526				2.954	-0.015
123	1	0.4369	0	1.738	0.6775	1.96		2.468	3.127	-2.652
124	1	4.174	2.717	0.035	1.954	-1.063	-0.05562	6.655	6.744	5.055
125	1	2.089	1.742		-0.000625	-1.288	-0.5106		3.239	2.23
126	1	-0.4912	-1.558	-1.02	-0.5206	-2.438	-3.281	2.65	4.079	1.69
127	1	-0.1188	-0.09562	-0.4275	-0.7381	-0.5556	-1.598	2.422	3.922	1.432
128	1	-0.002187	-0.2291	-1.271	-0.2116	0.0009375	-1.422	0.8591		1.259
129	1	-0.535		-0.8738	-2.714			2.686	2.576	1.546
130	1	-1.081	-0.8581	-2.91E-09	-1.411	-2.668	-3.651	2.51	2.319	0.72
131	1	-0.5472	-0.1841					3.404	2.383	
132	1	0.1987	-0.7881	-0.89	-2.411	-0.2881	-1.791	3	4.579	4.59
133	1	-0.2812	-0.09812	-0.74		2.702	-0.1006	6.68	3.469	1.71
134	1	-0.4712		-0.98	0.2094	0.8019	-1.071	2.4	2.019	-0.5
135	1	-0.575	0.01813	-0.3838	-0.3844	1.378	-1.104	2.166	2.216	-0.8637
136	1	-1.131		-0.29	0.2894		0.9794		2.449	-1.47
137	1	-0.1912	0.5319	0.01	0.1194	-0.8281	0.4194		1.689	-1.3
138	1	-0.1113		0.98	-1.261	-1.158	-1.001	-0.29	-1.461	2.72
139	1	-0.1113	1.332			-0.6981	-1.071		-1.001	
140	1	-0.4512	-0.3181	-0.44	-1.041	0.05188	0.3794	-0.31	-0.2406	0.97
141	1	1.769	1.022	0.84	-0.7806	-0.1181	-0.2206		-1.441	-0.24
142	1	0.01875	1.112	0.33	-2.041			-1.37	-2.151	
143	1	0.2988	0.6519	0.29	-1.111	0.7019		-1.26	-2.421	-0.7
144	1	0.3438	0.4669	0.025		-0.7231	0.5844			-0.025
145	1	2.018	0.7409	1.079	0.1284	-0.1291	0.8084		-1.672	-1.711
146	1	1.599	0.6219	0.46	1.739	-0.6981	-0.3906		1.489	-1.22
147	1	4.549		4.36	-0.4706		3.729			

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
148	1	2.17	0.5031	0.9112	-0.2394	-0.6169	0.6906		0.000625	0.4112
149	1	1.789	0.9525	1.191	1.07	-1.927	-0.2	-0.6694	-0.12	1.301
150	1	2.929	1.812	2.34	3.119		1.749		-3.231	-3.52
151	1	1.509	-0.05812	2.04	2.389		1.099			-1.86
152	1	2.689	1.622	3.07	3.539	-2.518	2.129			-2.09
153	1	2.459	1.302	3.18	3.439	-1.798	1.999			-0.69
154	1	2.409								0.1
155	1	2.629	1.862	3	1.299	-4.248	-0.4506	0.82	1.559	-2.34
156	1	2.659	2.132	3.17	1.249	-4.658	-0.3606	0.75	1.569	-2.33
157	1	1.909	1.872	1.7		-0.8181	0.4894	1.24	0.8394	-2.05
158	1	3.159	3.792	2.671	0.88	-0.7475	0.69	1.081	-0.44	-0.5594
159	1	2.009	1.242	1.04	1.089	-1.178	-0.5406	0.67	0.4594	-0.74
160	1	4.439	2.452	1.94	0.4994	-2.758	-1.601	1.38	2.169	0.13
161	1	2.189	1.382	1.56	-1.411	-0.1081	0.3994		0.1194	-0.41
162	1	1.88	1.163	0.1912	1.261	-0.9069	-0.7494		-0.2394	-0.3188
163	1	0.4488	0.05188	0.56	0.7494	-0.06812	1.709	0	-0.8806	1.36
164	1	0.1678	0.1409	0.2191	0.5884		1.698	-0.1409	-1.362	1.009
165	1	-0.05125	0.8019	-0.11	-0.2806					0.46
166	1	0.06937		0.1606	-0.07	0.9625	0.57		0.41	0.5706
167	1	0.6087	-0.9981	0.85	0.5394	-0.2081			-0.6506	-0.06
168	1	-0.7212	0.3719	-0.12	-1.031	0.4619				-0.66
169	1	0.02344				-0.02344	0.1741		-0.6259	
170	1	-0.085	-0.3219	0.3862			0.08562		-2.014	0.2562
171	1	-0.1272	-0.2441	0.3841	0.2234	0.05594	-0.2066	-1.166		
172	1	-0.3213		-0.72	0.2194	0.2219	-1.081	-0.36	-0.5506	0.78
173	1	-2.26E-09	-0.2669	0.5512	-0.5994		0.09062		-0.8894	0.5512
174	1	-0.3363	0.2369	0.015	-1.086	0.5969	0.03437			-1.325
175	1	-0.5412		0.27	-1.201	-0.6781	-0.7806		0.009375	0
176	1	0.2537		0.125	-0.7756		-1.016		-2.646	
177	1		1.402	-0.64	-0.7306	-1.648	-1.291		2.429	-0.1
178	1	0.6144		-0.9344	-0.875		-0.145			-0.4644
179	1	-0.2312	-0.3981	-0.42	0.4294		0.4494	-0.12		-0.32
180	1	0.8688	0.1419	1.17	2.569	-0.4681	-0.3106	-0.21	-0.4106	1.27
181	1	0.8187	0.8219	1.36	2.629	-1.228	-0.07063	0.2	-0.4106	1
182	1	0.155	2.118	-0.3538	-0.5544	-0.3119	-0.1544			
183	1	0.04438		-1.364			-2.165			-0.2144
184	1	0.03	-0.9869	0.2312	-1.169	-1.187	-0.02938		-1.379	1.001

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
185	1	0.1888	-0.3981		-0.8406	-0.2781	-0.7006		-1.631	0.83
186	1	-0.06125	-0.3981	0.76	-0.9406	-0.1081	-0.8006	-0.85	-1.051	-0.37
187	1	0.66		-0.5988	-1.219	-1.557	-0.8194		-2.329	-0.2788
188	1	0.6378	-0.04906	-1.191		-1.729	-1.572	-1.041	-0.1816	-0.3009
189	1	0.1669	0	-0.7219	-2.663	-1.68	-1.523	-0.9919	-1.453	0.4281
190	1	0.6488	-0.7381	-0.66	-1.181	-1.198	-1.041	-2.09	-0.9706	0.23
191	1	0.2344		-0.2344	-0.695	1.568	-0.895		-1.485	
192	1	0.9788	2.322	0.79	-0.000625	2.912	0.7194	-1.59	-1.471	-0.91
193	1	-0.04875	-0.7156	-0.0475	0.6919	1.374	-0.5581	0.9325	-0.04813	0.3925
194	1	0.09	-0.5369	0.4712	-0.4694	-0.6369	-0.9494	-0.1788	0.000625	0.5813
195	1	-0.4612	-1.038	-2.91E-09	-1.371	-1.008				0.37
196	1	0.00875	-0.1581	-0.74	-1.261	0.8519	-1.321	-0.47	-1.731	-0.17
197	1	-0.61	0.6631	-0.8788	-1.019	1.063	0.000625	-0.9888	-0.2694	-0.6787
198	1	-0.6913	1.362	-1.78						-0.28
199	1	-0.3812	3.152	2.43	-0.03062	1.272	3.299		-0.7106	-0.58
200	1	-2.26E-09	0.7431	0.9812	0.3006	0.2631	1.401	-0.6688	-0.7394	-0.4288
201	1	-0.6031		1.328	-0.6625	-2.79E-10	1.747		-1.793	-1.632
202	1	-0.125	-0.8219	-0.05375	0.5956	-0.08188	1.786	0.4262	-0.07438	-0.1138
203	1	-0.24	-0.08687	-0.06875	0.4406	0.3931	1.461	-0.1788	0.000625	-0.4287
204	1	-1.232		-0.8809	-0.9216	-0.1591			-2.052	0.3391
205	1	-0.7663	-0.9331	-0.665	-0.1856	0.8769	1.974	0.705	1.874	1.075
206	1	-1.331	-1.938	-1.52	-0.09063	1.132	3.549	-0.22	1.929	1
207	1	0.05937		0.4406	1.26	1.743	4.33		-1.43	-0.05938
208	1	-0.1672	-0.5341	0.1241	-0.1466	-0.07406	3.133	0.2741	0.3934	1.074
209	1	1.089	0.9419	1.46	1.429	1.952	2.719	-0.14	-1.531	0
210	1	1.749	1.222	1.76	1.259	2.432	2.729	-0.34	-1.021	0
211	1	0.8088	0.3619	1.17	2.829	2.072	1.419	-1.56	-1.981	-1.8
212	1	-0.4613	-0.09812	-0.48	-0.4606	-1.248	0.6794		0.1194	0.72
213	1	-0.2312	0.06188	-0.42	-0.9406	-0.4781	-0.4206	0	2.649	-1
214	1	-0.33		-0.09875	-0.7694	1.393	0.000625			
215	1	0.8469	0.37	1.418	0.0975	-2.79E-10	-0.6725	-1.722	0.2275	3.038
216	1	-1.641	-1.277	0.5906	-2.04	-2.857	1.34E-09	-1.949	3.1	3.331
217	1	1.309		-0.53	1.399					3.14
218	1	-0.11	0.1931	0.7412	-0.6694	-0.1569	0.000625			-1.429
219	1	1.339		-0.24		-0.1481	-0.2206	-3.54E-10	1.389	
220	1	0.9969	0	0.5081	0.4575	-0.1	0.1875		-0.4625	-0.3019
221	1	0.7938	1.477	0.115	0.1744	-0.6531	0.1844		-1.166	-0.475

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	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
222	1	1.109	1.762	0		-2.898	-2.001		-1.551	
223	1	0.6788	-0.2681	0.99	0.4394	0.4319	-0.8706	1.2	1.349	-0.76
224	1	1.299	0.2819	0.68	0.8294	-0.6481	-0.1806	1.04	1.599	-0.83
225	1	-2.26E-09	-0.3769	0.09125	-0.5394	0.06313	0.3606		-1.029	0.9512
226	1	0.3188	0.8919	0.03	-0.03062	0.6919	1.279			
227	1	-1.376			0.07438	0.1369	-0.6856		1.124	
228	1	-1.732	0.1809	-1.821	-1.482	-1.999		-1.301	1.088	1.399
229	1	0.3669	0	-1.202	0.3375	-0.32	-2.003	0.09812	1.017	2.178
230	1	-0.7012	0.08188	-1.33	-0.7306	0.2719	0.1894	-6.89E-09	0.1794	-0.03
231	1	-0.3212	-1.368	-0.26	-0.3206	0.7519	0.1594	-0.08	0.1794	0.08
232	1	0.4888	-0.3181	0.02	0.4494	-0.1781	0.8794	0.95	0.4894	0
233	1	1.519								-0.84
234	1	0.2788	-0.1981	-2.91E-09	0.4694	-0.3481	0.3694	0.42	0.5994	0.96
235	1	0.2488	0.1819	0.43	-0.000625	-0.6781	0.6194	-5.59E-09	0.7294	1.09
236	1	-2.26E-09	-0.6869	0.2012	-0.1194	0.01313	-0.3094			0.5512
237	1	-2.26E-09	-0.1969	-0.4088		1.183	0.5006	1.441	1.161	0.2412
238	1	-2.26E-09	2.363	-0.8288	-0.02938	-0.3669	0.2506		-0.5594	-1.259
239	1	1.119		0.67	-1.031	0.1619	-0.8906			1.32
240	1	-0.4312	-1.038	-0.88	0.7594	0.3019	-1.321	0.66	0.4594	0.11
241	1	-0.4712	-1.138	-1.06	0.6994	0.7019	-1.251	0.87	0.5794	0
242	1	0.01687	-0.24	0.4681	1.347	-2.79E-10	-1.423	1.568	0.6175	0.8081
243	1	1.439	0.2619	0.02	0.01938	-1.178	-2.001	0.73	-0.2606	0
244	1	1.159	0.1719	0.84	0.5694	-0.2681	-1.051	0.87	0.6494	-1.95
245	1	1.044	0.7675	0.8556	1.715	1.588	-0.045	0.04562	1.185	-0.5644
246	1	-0.003125	0	-0.6819	0.3975	-0.34	-0.3725	1.088	1.247	0.5781
247	1	0.3787	-0.6081	0.27	0.09937	-0.02813	-0.2206	0.76	0.1594	0.89
248	1	-0.2612	1.712	0.7	-0.9206	-0.3681	1.829	2.79		-0.26
249	1	2.081	1.324	0.9425	1.482	-0.3256	-0.01813			1.692
250	1	0.1288	2.042	0.83	0.3494	-0.4381				-0.02
251	1	0.3788		0.09	0.4894	-0.6081	-0.6406		2.339	-0.55
252	1	0.2288	-0.7581	0.81	-0.000625	-0.5981	-1.051	1.86	4.029	-0.61
253	1	-0.9562	-2.433	-1.075	-0.4456	0.3869	-0.8756	2.085	0.9644	0.345
254	1	-1.546	-2.143	0.105	-0.3256	0.9969	1.304	0.915	0.4844	-1.415
255	1	-0.02062		-1.079	0.38		0.99		-0.07	
256	1	0.8028	0.2359	0.2141		0.03594	-0.5966			-1.976
257	1	-2.26E-09		-0.8388	-0.6794		0.1406		5.511	0.4612
258	1	0.2991	-0.1578	0.2703	-0.5303		-0.7903		3.18	-0.3197

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	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
259	1	2.439	2.072	1.49	-0.2106	-0.8681	-0.4706	-0.46	6.569	-0.66
260	1	2.209	1.742		-0.09062	-0.6381	-0.1506	0	3.809	-0.25
261	1	0.32	2.173	1.351	0.7406		0.000625	-2.019	2.031	-0.9687
262	1	-2.26E-09	0.1031	0.4212	1.181	-1.437	0.4806		1.511	
263	1	1.037	0.05	0.6681	0.6775	-2.79E-10	0.0175	0.2081	-0.3725	0.7981
264	1	0.5088	0.2919	0.38	0.4894	-0.4481	0.4894			0
265	1	0.3694	-0.7975	-0.2894	0.64	0.4825	-0.05	-3.119	1.17	1.811
266	1	1.15	0.8831	1.541	1.061	-0.6369	2.101	-2.999	0.000625	-2.079
267	1	-0.2231	-1.8	0.7081	-0.1325	-2.79E-10	0.7475		-1.233	-0.4219
268	1	0.3488	0.2319	0.38	-0.7906	-0.4181		-0.76	-0.5506	-0.06
269	1	2.169	1.572	1.91	1.639	0.5119	-0.9206	-3.55	-3.431	-1.55
270	1	2.347	1.9	1.528	1.697	-2.79E-10	-0.9025	0.4081	-1.163	0.3381
271	1	3.869	3.382	3.45	0.4994	0.1119	-1.951		-2.461	-1.26
272	1	3.11	3.053	2.811	0.3806	0.01313	0.000625	-1.049	-1.349	-0.5887
273	1	2.309	1.522	3.21	0.04937	0.9519	2.249		-1.851	-0.49
274	1	2.095	0.6281	1.276	1.906	0.2581	1.386		-2.854	1.996
275	1	2.11	1.193	1.571	2.651	1.323	1.621	-0.3688	0.000625	-0.3187
276	1	1.729	1.442	1.81	2.129	0.8619	2.059	-1.65	-0.8506	0
277	1	0.01125	2.264	1.952	2.182	2.064	2.732	2.582	2.022	-0.7775
278	1	2.439	2.572	3.33	3.339	1.652	3.119	1.96	1.259	
279	1	1.084	1.427	2.295	0.9044	2.867	2.214	-0.335	-0.4656	-0.065
280	1	1.981	1.034	1.772	2.342	2.824	1.932	2.222	2.202	-0.2775
281	1	2.737	0	1.448	0.9575	1.14	3.737			-0.03188
282	1	0.4238	0.3369	0.575	2.254	2.827	2.954		1.964	-0.445
283	1	-0.1131	0	0.4581	2.417	2.51	2.147	2.278	2.927	-0.7519
284	1	1.79	1.863	2.051	1.371	1.293	0.2806	1.811	-0.2794	
285	1	1.429	1.052	1.2	0.8194	0.7919	0.2094	-0.39	-0.4206	-0.32
286	1	3.384	2.607	2.215	3.204	-1.023	-1.186	2.475	1.444	-0.585
287	1	3.598	2.581	2.659	3.378	-0.1091	-0.7516	2.509	1.338	0.1091
288	1	0.1106	0.3037	1.232	0.8112	1.544	2.201		-0.01875	0.5919
289	1	1.839	0.7819	0.39	0.9894		-0.07063		-1.041	
290	1	1.287	0	0.4481	1.467	-0.79	0.7575			
291	1	0.8828	0.2759	3.174	1.353	-1.434	2.183			1.174
292	1	0.1044		1.106	2.065	1.848			0.695	-1.054
293	1	1.004	0.2469	1.235	1.304	0.4069	1.354		-0.3956	-0.085
294	1	0.4988	0.4619	0.74	1.209	1.382	1.409	0	-0.07062	1.01
295	1	0.4488	-0.8681	0.33	-0.000625		0.7294	1.43	0.9594	-0.08

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
296	1	0.5469	-0.01	0.7081	-0.0825	-2.79E-10	0.9875	1.428	0.7675	1.108
297	1	1.469	0.6419	1.24	0.06938	0.4019	-0.2606			1.37
298	1	1.234	0.8675	1.366	0.725	-0.4625	0.275	1.506	1.025	1.186
299	1	1.854	2.427	1.075	0.2144	-0.6931	0.2344	3.775	1.384	0.345
300	1	0.5388	0.1419	0.22	1.409	-1.108	-0.2506		-1.501	-2.72
301	1	1.084	0.5869	0.455	1.644	0.4569	0.7344		-7.016	-0.455
302	1	-2.26E-09	0.8531	2.201	1.851	1.473	0.8806			
303	1	2.064	1.607	3.235	4.834			2.055	0.7644	1.775
304	1	0.8488	0.5019	0.95	0.5594	0.4119	-0.7306	0	-0.4106	0.92
305	1	0.7828	0.4059	0.8241	0.6134	0.03594	-0.7466	-0.03594	-0.4466	0.6741
306	1	1.269	0.6519	0.88	1.749	-0.5781	1.159	1.56	0.7394	0
307	1	0.7288	0.5519	0.31	1.479	0.2819	0.06938	-0.96	-2.531	0.71
308	1	1.419	0.3619	1.67	1.569	1.572	1.979	-0.67	-0.7906	0
309	1	0.98	0.5931	1.311	1.651	2.143	1.591	1.061	0.000625	1.311
310	1	0.07781	-0.009062	0.3891	2.048	2.361	2.218	0.009062	0.03844	0.4391
311	1	0.5988	0.001875	0.24	1.619	1.762	1.339	0.42	0.9194	0.39
312	1	0.1688	0.1619	0.25	0.8094	1.662	1.139	0.55	0.2794	0.47
313	1	0.5088	0.03188	0.34	1.759	1.642	1.399	1.77	0.5694	0.71
314	1	-2.26E-09	0.3131	0.06125	0.4306	1.593	1.031	0.1812	0.1606	0.3312
315	1	0.06	0.4831	0.2812	1.141	2.163	1.141	0.5012	0.000625	0.4512
316	1	1.614	0.7872	1.045	1.285	-0.3928	1.325	1.095	0.4647	-0.5947
317	1	0.7788	0.1719	-0.46	-0.000625	-1.748	-1.441	0.42	0.4194	2.53
318	1	0.6888	0.2819	-0.14	0.1394	-1.418		0.56	0.7394	2.2
319	1	0.85	0.7931	0.6512	0.4206	-1.917	0.000625	0.4612	0.9606	1.661
320	1	3.118	3.121	3.479	2.568	0.09094	-1.842	0.3191		2.079
321	1	1.049	0.4019	1.4	0.4394	-0.3881	0.1594	0.78	0.2894	0
322	1	0.6788	0.7819	0.89	2.679	0.9819	1.929	1.01	0.6894	-0.87
323	1	0.8088	0.8519	1.17	1.889	0.6619	1.589	0.49	0.4994	-1.19
324	1	0.8769	0	1.218	2.007	2.68	1.927	0.1281	0.4075	-0.6819
325	1	0.9369	0	1.468	2.007	1.48	1.747	0.02812	0.5575	-0.3519
326	1	1.214	0.6169	1.225	2.044	2.187	2.054		0.3744	0.025
327	1	4.019	2.392	3.67	2.909	1.162	1.369	1.28	0.8094	-0.02
328	1	3.629	2.333	3.361	1.61	0.5825	1.12	0.8206	0.32	-0.3394
329	1	4.159	2.412	3.57	2.779	0.9219	1.339	1.5	0.7894	0
330	1	4.109	2.762	3.66	2.939	1.082	1.349	1.29	0.7694	0
331	1	0.8028	0.2259	0.7041	0.3734		-0.9166		0.3534	1.374
332	1	2.364		-0.465	1.314	1.447				0.885

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
333	1	0.5188	-0.8281	-0.41	0.5694	0.06188	0.9694	1.08	0.6794	0.75
334	1	1.409	0.3119	1.47	0.1994	0.6919	0.9994	0.23	-0.7506	-0.09
335	1	1.653	0.7259	1.514	1.903	0.2559	1.763	1.734	0.6934	-1.826
336	1	0.9669	0.57	1.768	0.6975	-2.79E-10	1.697	1.688	1.257	-4.352
337	1	0.2588	0.3519	1.19	1.259	0.7219	0.5394			-1.87
338	1	0.6128	-0.4841	0.4841	1.663	0.5259	0.7234	1.644	1.163	-1.196
339	1	-0.2106	-0.5075	-0.2894	0.97	1.823	1.5	1.241	2.01	0.2106
340	1	0.7528	-0.5541	0.1041	0.3234	-0.1041	-0.1766	1.444	2.193	0.2641
341	1	0.73	0.2031	0.5512	1.481	0.7931	1.441	1.051	0.000625	1.141
342	1	1.049	-0.9081	-2.91E-09	1.059	1.222	1.019	1.81	1.349	0.61
343	1	0.5812	-0.07562	0.8625	0.8719	0.2744	1.042	0.5925	0.3619	0.3025
344	1	0.6712	-0.3956	0.7525	0.8419	0.02438	0.9719	0.8425	0.6319	0.3025
345	1	0.4469	0	0.8981	2.147	1.11	1.407	0.8781	-1.363	-7.302
346	1	0.6869	0	1.358	2.167	1.35	1.787	1.158	-1.063	
347	1	0.83	0.4331	0.9812	1.751	0.2431	1.011	1.161	0.000625	-4.399
348	1	1.438	0.5816	1.53	0.5391	0.1816	-0.1809	1.79	2.989	-1.19
349	1	1.399	0.3725	1.201	0.37	0.1925	-0.07	1.301	2.66	-1.499
350	1	0.9494	0.7025	0.8506	1.17	-0.0175	-1.31E-09	0.8106	1.51	0.2906
351	1	0.9769	1.42	1.158	1.427	-2.79E-10	0.7175	2.378	2.047	1.778
352	1	0.09844	-0.5784	-0.7303	1.029	-0.09844	0.5291	0.5597	0.3891	-0.8703
353	1	0.16	0.8531	0.4712	1.201	-0.2169	0.000625	0.8412	-0.8394	0.6913
354	1	1.499	0.2519	1.34	1.869	4.162	4.419	0	-1.371	-2.88
355	1	1.659	0.8519	1.4	1.519	-0.4881	1.339	0	0.3194	-0.88
356	1	1.518	0.02094	0.2891	0.6584	0.1209	0.1184	-0.08094	0.4784	-0.8909
357	1	1.323	0.04594	0.2641	0.6034	-0.1841		0.1041	0.8834	-0.7759
358	1	0.01438	-0.7025	-0.3044	-0.015	0.0375	1.075	2.166	2.345	0.3756
359	1	-2.26E-09	-0.6969	-0.3688	0.1406	0.1431	1.011	1.891	1.891	0.1312
360	1	1.769	0.4425	0.8006	-0.47	-1.087	0.31	1.121	1.36	-0.5794
361	1	2.147	1.48	0.4481	1.587	-2.79E-10	-0.5725	0.7481	-0.5525	1.268
362	1	1.987	0	1.428	1.797	-0.79	-0.6825	1.138	0.6675	0.6781
363	1	0.2188	0.01188	0.66	1.619	0.4519	2.589	1.87	2.389	-1.27
364	1	0.1488		1.47	1.829	1.952	3.219	2.14	2.509	-2.02
365	1	1.109	1.072	2.05	1.119	0.1719	1.909	3.71	4.319	-0.66
366	1	0.9288	1.022	1.25	1.549	2.582	2.059	2.43	3.369	0
367	1	0.3769	0	1.758	1.487	1.3	2.167	-0.5319	-0.0525	0.03812
368	1	0.4488	-0.3881	-2.91E-09	0.5394	0.5719	0.1594	-0.3	0.2594	1.69
369	1	3.869	2.142	3.3	3.779	0.7319	2.239		2.009	-2.45

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
370	1	3.819	2.132	3	3.629	0.2219	1.579		1.599	
371	1	0.1269	-0.23	-0.04188	0.0175	-2.79E-10	0.0975	1.468	1.407	0.6681
372	1	-0.08625	-0.3431	0.075	1.424	1.637	0.3644	1.695	1.724	1.905
373	1	-0.5772	-0.2841	-0.9959	0.8534	0.04594	1.423	3.184	3.383	0.4541
374	1	2.264	1.967	1.885	3.004	0.8669	1.344	3.905	2.454	-0.035
375	1	2.179	1.422	1.68	0.9994	-0.2081	-0.2806	1.88	3.419	1
376	1	1.38	1.433	2.131	3.011		1.621		0.000625	0.3113
377	1	1.529	2.582	2.14	0.2094	-2.138	-0.9006	2.43	0.9394	2.4
378	1	2.389	1.932	1.78	2.069	-2.428	-3.171	0.54	1.149	1.44
379	1	2.699	2.432	1.94	0.5594	-1.608	-1.581		0.8794	0.64
380	1	2.109	1.262	1.28	1.889	-0.01812	-0.2606	3.04	2.439	0.16
381	1	0.7328	0.1059	-0.1059	1.153	-1.294	0.1634	1.494	1.863	0.2841
382	1	1.389	0.6019	1.4	1.239	1.622	1.099	0.67	0.09938	-0.9
383	1	0.8988	0.3419	0.32	1.009	0.7919	1.619	-0.85	-1.431	1.32
384	1	0.98	0.6631	1.151	1.891	0.04313	0.000625	1.591	1.451	-0.1287
385	1	1.28	1.183	1.591	1.971	-0.1069	0.000625	2.361	1.701	0.1413
386	1	2.101	1.204	1.942	3.262	2.214	1.882		3.652	-1.688
387	1	0.2012	1.884	1.832	1.482	0.9044	2.012	0.8425	0.02187	-2.698
388	1	0.5788	0.5619	1.35	1.679	1.522	0.5194		-3.161	-4.45
389	1	1.204	1.547	0.995	1.534	0.6269	0.8344	1.875	-0.2856	-2.375
390	1	1.177	0	0.2581	0.6975	-6.25E-17	0.0575		1.957	-0.4519
391	1	0.4688	-0.3481	0.64	0.8994	0.2519	0.4994	0.52	1.219	1.15
392	1	-0.4466	-0.3334	-0.3953	0.8341	0.6766	0.4941	-0.8053	0.3341	2.245
393	1	0.3569	-2.79E-10	-0.2719	1.047	-2.79E-10	-0.4825	1.788	0.6475	1.048
394	1	0.1588	-0.6681	-0.19	0.5194	-0.3481	-1.021	1.55	1.499	-0.04
395	1	0.3688	-0.7981	-0.43	0.1794	-0.4181	0.5194	0	0.06938	0.12
396	1	0.9169	0.49	0.1381	-0.0425	-2.79E-10	0.5175			0.8881
397	1	-2.26E-09	-0.4069	-0.03875	0.7706	1.803	0.6106	0.7512	0.8506	1.161
398	1	1.239	0.3719	0.86	1.039	0.6019	1.349		-0.5106	0.26
399	1	0.1088	-0.1281	0.18	0.5194	1.102	0.7094	-0.55	-1.271	0
400	1	1.829	1.672	1.62	2.359			-1.49	-1.481	
401	1	3.468	3.581	2.869	2.418	0.1209	2.668			
402	1	4.261	4.624	3.352	2.952	1.304	3.412		-3.488	-1.078
403	1	1.799	0.8919	2.2	1.779	1.772	1.919			0
404	1	1.941	1.154	2.222	1.902	1.444	2.402		-2.118	-3.388
405	1	1.699	2.732	3.04	0.8994		1.389	0.49	-0.6206	
406	1	2.689	1.362	1.91	3.569		1.599	-2.7	-3.721	0.23

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
407	1	2.719	1.032	0.85	1.499	0.6819	-0.1206	-0.74	-1.471	0.23
408	1	1.729	1.012	2.72	3.309	1.522	3.349	-0.62	-0.7906	-1.22
409	1	1.114	1.257	1.855	2.504	2.627	3.134	-0.545	0.9444	-0.695
410	1	1.079	1.062	1.73	1.129	0.2919	1.329		0.3694	-0.64
411	1	1.48	2.043	3.461	3.241	5.383	4.801	2.581	0.000625	-2.119
412	1	2.289	1.572	2.39	2.599	1.892	2.249	-0.21	-1.701	-2.38
413	1	2.175	1.598	2.956	3.186	2.798	3.366			-3.244
414	1	2.279	1.023	2.811	2.26	-0.3975	1.84		-0.01	-1.089
415	1	2.284		4.345	1.794	3.817	4.414			-2.695
416	1	2.749	3.152	3.33	2.439	1.032	2.009	2.77	-0.01062	-0.51
417	1	2.829	2.002	2.98	1.909	0.5719	1.479	-0.79	-0.7806	1.77
418	1	1.599	1.042	1.64	1.819	1.412	1.939		-0.8306	1.58
419	1	2.954	2.687	1.915	1.784	2.237	2.544	-2.125	-2.136	0.095
420	1	3.059	1.952	1.65	4.339	1.252	5.919	0.02	-0.3806	-0.98
421	1	2.7	2.183	2.501	3.461	2.293	2.671	1.041	0.000625	-0.1388
422	1	2.969	3.762	3.7	3.489	3.882	3.189		-0.4506	-1.11
423	1	3.249		3.45	4.019	3.322	4.849		-2.071	-1.43
424	1	4.349	3.932	4.33	4.669	1.982	2.079	0	0.1294	0.29
425	1	6.374	7.007	7.615	7.604	4.627	5.134	-0.175	0.2244	0.175
426	1	4.281	3.964	5.342	6.762	6.164	6.492			1.442
427	1	4.339	4.412	5.29	5.539	6.812	6.309		-1.781	-0.21
428	1	6.744	7.177	8.015		7.437	8.244	-1.695	-3.746	-1.695
429	1	5.899	5.992	6.95			7.929			
430	1	5.38	5.683	6.561	6.291	6.433	7.181		-0.4494	-0.4188
431	1	3.6	4.283	3.831	3.911	4.163	4.851	-1.849	-1.489	
432	1	4.051	3.884	4.342	4.352	4.374	5.032	-1.678	-0.7481	-1.868
433	1	4.204	4.257	5.305	5.824	2.177	5.434	-2.225	-0.7656	-0.195
434	1	3.189	4.402	3.44	5.149	5.882	5.519	-1.17	-0.6906	1.47
435	1	4.299	4.252	4.87	5.449	3.172	4.499	0.29	-0.7306	-0.29
436	1	5.264	4.827	5.815	5.554	3.977	4.614	0.345	-0.7856	-0.595
437	1	4.684	4.307	4.565	5.594	3.997	4.804	-0.135	-0.9656	-1.015
438	1	6.069	5.962	6.68	6.499	3.382	4.639	-0.07	-0.3906	0.83
439	1	5.121	4.994	5.522	5.492	4.234	5.482	-0.3875	0.09187	-0.0375
440	1	3.201	2.444	2.862	3.702	3.264	3.572			
441	1	3.379	2.352		2.239	2.492	3.509		-0.3106	
442	1	3.171	4.404	3.972	1.882	-1.256	1.972	0.7025	0.1719	-1.048
443	1	3.134		3.235	2.744	-1.163	1.914			0.895

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
444	1	1.599	1.272	1.83	2.249	0.8119	2.029	0.61	0.4394	-1.64
445	1	2.899	2.192	2.78	2.799	1.562	1.559	0.88	0.1694	-2.18
446	1	0.9887	1.372	3.19	3.979	3.702	5.479		-1.261	-0.36
447	1	2.931	2.184	2.382	2.352	2.164	2.122	-1.248	-0.4081	
448	1	3.469	3.272	3.76	3.789	1.302	1.659	0.47	-0.1106	2.1
449	1	2.749	2.732	3.2	2.919	0.9419	1.289	0.06	-0.3406	1.6
450	1	3.189	3.512	5.39	4.689	3.422		-1.28	-1.711	5.07
451	1	2.151	0.9544	1.332	2.232	2.644	4.042	-0.3775	-0.2981	-1.098
452	1	2.88		1.781	2.371	2.953	4.781	-0.2088	-0.2194	0.3513
453	1	3.939	3.222	5.81	4.539	4.322	4.989	0.28	-2.601	-1.14
454	1	2.544	1.827	3.425	1.494					
455	1	3.149	3.822	3.14	1.719	-0.2181	2.099			-0.86
456	1	2.334	2.608	4.116	1.505	1.428	-0.175	-1.404	-0.225	-2.464
457	1	3.359	3.422	3.46	2.379	-0.2581	-0.8306	0.7	-0.03062	2.22
458	1	4.005		3.716	3.976	0.7181	0.3556	0.1662	-1.134	
459	1	3.96	3.133	3.081	4.451	-0.1869	0.8106	0.2912	0.000625	-0.6788
460	1	2.759	2.082	3.19	2.299	2.382	2.929	0	-1.381	-0.24
461	1	2.379	1.562	2.17	2.629	1.392	2.199			-0.19
462	1	3.739	1.812	2.64	1.689	0.1419	-1.031		-4.591	0.93
463	1	1.699	1.432	2.06	1.859	0.1219	1.759	0.94	0.7394	-0.44
464	1	2.449	1.662	2.39	2.749	1.292	1.589	0	0.03938	-1.12
465	1	1.569	2.132	2.28	0.1294	-0.06812	2.129	0.67	-1.801	-0.6
466	1	1.509		1.49	1.309		2.689			
467	1	1.759	1.502	1.58	1.329	0.1419	0.6894	2.21	1.409	0.59
468	1	0.8269	0	-0.3619	1.377	0.1	0.4075		-2.093	0.7681
469	1	1.394	0.7375	0.9456	0.005		-0.005	-0.8444	-1.695	1.656
470	1	0.8444	0.8875	0.3856	0.335	-0.9025	0.215	-0.2144	-1.605	1.806
471	1	1.894	1.427	1.095	1.295	0.02719	-0.1153			3.745
472	1	2.339	2.602	2.03	2.049	-0.9481	-0.9806	0	-0.01062	2.32
473	1	1.551	1.504	1.392	1.272	-1.516	-1.798		-5.188	3.342
474	1	0.6438		-0.375	0.1344	-0.5031	-0.5656	-0.135	0.4144	3.685
475	1	0.03875	1.372	1.06					0.7894	
476	1	0.1788	0.2719	0.85	1.909	1.172	2.439	0	-0.5006	-0.21
477	1	2.407	1.8	1.928	3.297	-2.79E-10	0.4275	1.468		-2.232
478	1	1.741	1.394	1.432	1.402	-0.1256	-0.06813		0.6219	-3.238
479	1	1.959	1.262	1.87	0.6494	0.4719	-0.8306	0.33	1.149	
480	1	1.129	0.5619	0.03	1.099	0.7319	0.5994	-0.11	0.03938	2.15

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
481	1	0.6812	-0.02562	1.002	0.8819	1.034	1.452	-0.3375	-0.1681	0.1525
482	1	-2.26E-09	0.06313	0.3212	-0.5094	-1.217	-0.03938	1.271	0.6006	0.9212
483	1	0.5088	-0.6281	0.2	-0.09062	-1.688	0.9394	2.47	2.129	0.77
484	1	-0.3012	0.7919	-2.91E-09	0.9894	0.6719	1.209	-0.28	-0.1406	1.32
485	1	-1.08	0.1731	0.4812	-0.4594	-0.9469	0.6806	0.4312	0.000625	1.621
486	1	-2.26E-09	0.9831	0.3712	-0.8794	-0.2669	-0.7394	0.8912	1.171	2.131
487	1	0.3		1.291	0.9506	-0.04687	0.000625	2.201	0.5706	1.811
488	1	1.753	0.07594	0.7941	0.2634	-0.1341	-0.1966	2.114	2.323	-0.2159
489	1	2.027	0	0.6481	0.2275	-0.79	-0.2425	1.898	2.267	-0.1819
490	1	0.5688	0.4819	0.64	0.1994	-1.228	-1.291	0.34	1.299	-0.71
491	1	1.519	0.1019	0.03	-0.1306		-1.941	0.42	0.7094	2.04
492	1	1.899	-0.1081	0.69	-0.000625	-1.748	-0.9306			2.38
493	1	0.6588	-0.2581	0.44	0.8394	-1.388	-0.000625	0.58	0.6594	0.16
494	1	0.3088	0.3919	0.37	0.9494	0.8119	-0.3606	-0.85	0.2294	0.33
495	1	1.32	0.3031	0.4112	0.2706	0.4631		-0.03875	0.1006	2.201
496	1	0.14	-0.05687	0.5412	0.2006	0.7731	1.361		0.000625	2.001
497	1	0.57	0.3731	0.9012	0.3906	0.1831	1.401	-5.459	0.000625	2.591
498	1	0.9288	-0.03812	1.08	1.379	0.4119	0.5994	0.01	-0.2706	1.41
499	1	-0.1022	1.141	1.129	0.7784	0.0009375	0.6584	-1.841	-1.382	0.2791
500	1	0.9012	0.9944	1.822	0.2619	-0.1556	1.202	-1.318	-2.148	0.5125
501	1	0.8788	1.012	2.28	-0.000625		1.139	0.28	-0.6406	0.95
502	1	1.007	0	0.5181	0.2075	-3.72	0.3675	-0.2519	1.167	-3.512
503	1	1.509	0.2325	0.8306	0.57	-3.017	0.17	-0.3194	1.21	-0.1694
504	1	0.2887	-0.5781	0.1	0.08937	-1.528	-0.8306	0.43	0.4694	-0.09
505	1	0.5228	0.005938	-0.01594	-0.006563	-0.9641	-0.04656	0.6941	0.4834	
506	1	-0.06		0.1712	0.5506	-0.8769	0.08062		0.000625	-1.999
507	1	0.03875	-0.5481	0.42	-0.000625	0.2019	-0.9206	1.48	2.149	-1.8
508	1	-0.3112	0.2419	0.92	-1.111	-2.628		-0.08		
509	1	0.05875	-0.1881	0.11	-0.3306	-1.028	0.6594	1.23	1.489	-3.29
510	1	0.9969	0	0.1881	-0.6625		0.9375	0.5581	2.167	-1.502
511	1	0.1578	0.06094	-0.4009	-0.06156	-1.129				
512	1	0.3369	0.05	1.058	1.057	-2.79E-10	2.117	-0.9719	0.6575	
513	1	0.9938	0.9969	1.955	1.744	-0.5231	2.844	0.025	1.424	-1.025
514	1	0.2988	0.1219	0.5	-0.4806	1.952	0.6394	0.46	-0.2506	-0.67
515	1	-0.05875	-0.7656	0.5025	0.9719	2.334	2.202	2.142	0.9519	-0.5575
516	1	0.09687	0	0.01812	0.8575	0.52	0.9475	-0.9619	-1.263	-1.012
517	1	0.3387		0.32	-0.7206	0.4819	0.3794		-0.4906	-0.61

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
518	1	1.845	1.118	2.096	1.116	-0.5619	0.1456	-0.2738	0.6556	-4.044
519	1	0.6887	-0.1381	1.38	2.429	0.9819	-0.7906	-0.04	-0.6406	0.27
520	1	1.305	-0.7819	1.026	1.246	2.758	0.7856	-1.124	-0.7744	-0.2737
521	1	0.1212	-0.2756	-0.2975	1.182	0.07438	-0.5081	-0.9475	-1.658	-0.0475
522	1	0.7078	0.02094	0.09906	0.2184		-0.7216	-0.02094	0.1184	-0.5109
523	1	0.4412	0.5344	0.7925	0.4519	1.624	1.952	-1.168	-0.2281	-2.898
524	1	-0.8612	0.2119	0.12	-0.2106		0.3194		-0.3506	0.68
525	1	-0.3112	0.04188		0.5494		0.1294			-0.11
526	1	-0.06313	0	-0.2619	0.0975	4.86E-17	0.6275	0.1481	-0.1225	0.7681
527	1	-0.2412		0.36	-0.04062		0.1294	-0.95	0.4494	
528	1	-2.26E-09	0.1431	0.4512	0.9806	-1.197	4.151	2.811	0.7106	2.101
529	1	2.787	1.41	0.8081	2.147	-2.79E-10	-1.093	1.088	1.207	1.768
530	1	0.2688	0.7319	0.72	-1.151	-0.9781	-1.011	0.56	-0.8106	2.39
531	1	0.9087	0.4719	0.62	1.159		1.189		-1.661	0.22
532	1	0.8088	0.6019	0.78	-0.04062	0.2719	0.2594	-0.47	-1.001	1.61
533	1	-0.1444	-0.3213	0.2669	0.6462	0.5987	1.106	-0.4931	-3.524	-0.4431
534	1	-0.8062	-0.6431	-0.065	-0.2456	0.1469	0.1444		-1.686	0.135
535	1	0.1787	0.9419	0.5	-0.1406					-0.57
536	1	-0.07313	0.11	0.2281	-1.133	-2.79E-10	0.7175	-1.552	-1.123	-0.6419
537	1	-0.2312	1.072	0.1	-0.04062	-0.02812	0.1694	1.04	-0.6706	-0.79
538	1	-0.6213	-0.4081	-0.43	-2.371	1.112	2.029	-1.91		-0.76
539	1	0.8138	1.357	1.025		-0.5131				0.745
540	1	1.639	1.202	1.96	-0.000625		-1.161		-2.061	
541	1	1.361	0.5444	0.3325	-0.3281	-2.346	-1.438	0.1025	0.08187	-0.4775
542	1	0.9688	0.04188	0.64	-1.361	-1.468	-0.9706			-0.95
543	1	1.623		0.6047	1.684	0.06656	-0.06594			0.6247
544	1	1.399	0.1119	0.07	2.339			-0.8	-0.5606	-1.17
545	1	1.42	-0.1969	0.1812	0.9406	0.07313	0.000625	-1.949	-0.7494	-1.489
546	1	1.099	-0.1881	0.25	0.9294	0.7219	-1.321	0.63	0.3494	-0.39
547	1	-1.341	-0.5381	-1.15	1.029	0.5319	1.429	-1.41		-0.18
548	1	0.2288	-0.4581	0.96	1.179	1.222	1.119		-0.6806	0
549	1	-2.26E-09	0.5031	-0.3088	-0.6894	0.1331	-1.179		-1.959	-0.5988
550	1	-0.4812	0.2019	-2.91E-09	1.219	-0.6481	-1.041	-3.05	-0.1906	
551	1	0.1294	-0.1675	0.6606	-0.65	2.073	-0.06		-2.4	-0.3394
552	1	-2.26E-09	-0.4469	0.6112	-0.4594		0.1606		-1.689	-0.5288
553	1	-0.5312	-0.6981	-0.62	-0.8106	0.4419	-0.8406	-2.89	-0.3506	0.55
554	1	-0.3506			-1.12	-0.8275	-1.67			

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
555	1	1.67	0.3231	0.9312	0.9806	-0.2769	0.000625		-1.909	1.251
556	1	-0.4231			-0.0525	-2.79E-10	-0.9325			0.2081
557	1	1.493	1.336	1.424	1.623	0.1259	-3.247		-4.297	1.434
558	1	0.6588	2.402	-0.43	-0.000625	0.8819	-1.811		-3.161	-2.28
559	1	0.05875	-0.07812	-0.31	0.5094	0.6219	-0.1906	-0.47	-0.7906	-0.13
560	1	-0.2012	0.6319	0.02	-0.4606	0.8419	-0.2706	1.06	-0.4606	-0.9
561	1	-1.166	1.377	-0.795		0.8069			-1.666	-0.865
562	1	-0.4012	0.3319	1.79	-1.161	0.3219	-1.731	-0.72	-1.951	1.15
563	1	-2.26E-09	1.563	-0.4588	-0.7394	-1.637	-0.8894		-1.989	-0.6488
564	1	-0.06125		-0.15			-0.9506	-1		0
565	1	-0.3256	2.968	1.066	-1.095	0.8875	0.265		-2.465	-0.2644
566	1	-0.4013		-0.15	-1.891		-0.9506		-1.681	-0.1
567	1	-0.07063	1.893	-0.8394	0.07	0.8825	-1.38	-0.6894	-1.31	-0.2094
568	1	1.078	1.091	0.4891	0.9184	-0.1291	0.1384		-2.012	-1.511
569	1	0.3888	2.002	-1.14	-1.561	-0.4381	-0.9406		-2.091	-0.62
570	1	-1.231	0.2319	0.05	-0.6006	0.4419	-0.2406			0.2
571	1	-0.2456	0.0575	0.3856	-1.355	0.8475	-0.045	-0.7444	-1.445	-0.2244
572	1	0.355	0.2581	-0.07375	-1.544	0.2581	-0.5844		-2.244	0.04625
573	1	-0.1813			-1.211	0.3519	-1.491			1.12
574	1	-0.4812		-2.91E-09		0.8319	-0.1606			
575	1	-0.5062		0.935	-1.536	0.4469	-1.716	0.135	-2.066	-0.445
576	1	0.2388	0.1419	-0.16		0.7019	-0.4606	-0.51		-0.19
577	1	-2.26E-09	0.6131	0.5412	-0.3994	0.3031	-0.4794	-2.109	-0.9894	0.8412
578	1	-2.26E-09	0.8331	-0.5088	-2.029	0.2731	-0.3094	-1.939	-1.819	2.911
579	1	-2.26E-09	0.6731	0.07125	-1.129	0.9531	-0.3594	-1.119	-1.069	-0.6588
580	1	-0.1612	0.4119	0.46	-0.8506	0.6419	3.759	-0.48	-0.6406	6.86E-09
581	1	0.1138	1.387	-0.455	-0.7156	-0.1531	-0.2556	-0.625		-0.045
582	1	0.4338	1.547	-0.455	-1.396		-1.256			
583	1	0.04687	-0.38	-0.6219	-1.563	-2.79E-10	-0.8425	-2.472	-2.353	-0.1519
584	1	0.3288	-0.05812	-0.56	-1.501	0.2819	-0.3606			-0.41
585	1	-0.2713	0.4919	0.14	-0.6306	0.6819	3.429	-0.98	-1.361	-1.16
586	1	0.08687	-0.3	-0.4219	-0.4525	-2.79E-10	-0.0525	-0.2319	-0.3925	0.3281
587	1	-0.1166	0.1166	0.4247	1.724	0.9666	-0.7259			-1.625
588	1	0.1937	1.277	-0.305	-1.416	-0.5331		-0.745	-0.7456	0.715
589	1	0.5938	1.327	0.025	-0.6556	-0.6731	-1.096	-2.145	-0.4456	-0.825
590	1	0.03781	0.03094	0.4691	0.07844		0.3284		-0.2116	-0.1209
591	1	1.744	0.2769	0.035	0.8544	0.4269	-1.616	-3.985		-2.185

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
592	1	0.045	0.3681	-0.1338	1.296	-0.1119	-0.04438		0.1156	-1.964
593	1	-0.1056	0.9975	0.8056	-1.235	0.2675			-2.415	0.7556
594	1	-0.1156	0.2175	0.6856	0.745	-0.7025	3.105		-1.685	-1.094
595	1	0.3237	1.417	-0.285	-1.026	-0.7231		1.585	-0.2356	
596	1	1.659	0.1319	1.08	-0.4806	-3.958	-0.6306		-1.411	0.67
597	1	0.8588	-0.1081	0.54	0.1594	-0.4181	-0.3906	0.02	-1.321	0.14
598	1	-0.43	-0.8669	-0.5188	0.07062	-1.187	-0.6894	-0.3688	-0.8394	0.5912
599	1	-0.2312	0.1419	1.46	-2.141	-0.7381	-1.581	-0.83	-1.511	0.17
600	1	0.3788	-1.208	2.29	-1.071	-0.3481	-0.9306	-0.24	-0.8606	0.24
601	1	1.009	0.4825	1.251	0.55	0.3825	-0.17	0.7806	-1.98	-1.359
602	1	-0.9063	0.3669	1.185	-1.686			1.145		-0.175
603	1	0.21	-1.277	-0.1988	-1.559	-0.5769	-0.9994			-1.049
604	1	-0.8209	0.01219	-1.53	-2.13	1.512	-0.7903	1.55	-0.2003	-0.6697
605	1	0.1288	0.5019	-0.61	-1.141	-0.7881	-0.7206	0	0.2194	-0.15
606	1	0.3138	1.427	-0.845	-0.9356	-0.8031	-1.646		-1.576	-0.115
607	1	0.3128	0.7059	-0.3459	-0.9866	-0.03406	0.1234		-1.117	-0.7759
608	1	1.51	1.023	0.1012	-0.5194	-0.5369	0.000625	-1.169	-0.8294	0.6413
609	1	0.8888	-1.078	-1	-1.941	-1.958				
610	1	2.115		-1.874	-0.8144	-0.2519				
611	1	1.004	0.6369	-0.505	-1.026	-1.043	-0.8856	-1.935	-1.816	-0.355
612	1	0.5712	-0.01562	-0.5175	-1.458	-1.476		-1.368	-1.248	
613	1	0.3712	0.9844	-0.9375						-0.3675
614	1	0.1888	0.7019	-0.22	-0.5806		-0.02063		-0.9506	-0.07
615	1	0.7469	0	0.6081	1.517		1.317	-3.942		-1.362
616	1	-0.8222	-1.269	-0.9809	-0.4016	0.03094				0.4291
617	1	0.2678	0.08094	-0.1409	0.8684	-0.4791		-1.081	0.4784	0.3791
618	1	-0.1812	-0.3481	0.31	0.3794	0.5519	0.7994	-0.08	-0.4706	-0.05
619	1	0.6488	-0.5281	1.09	1.529	-1.378		0.18	1.479	
620	1	-0.6806	-1.347	-0.9094	0.76	1.993	0.58		-0.07	1.221
621	1	0.8288	0.1719	0.88	0.9594	-0.1481	0.7294	-0.11	-0.06063	0.13
622	1	1.319		2.14	0.4094	0.1719	-0.3406	1.13	-0.5506	0.7
623	1	0.2188	0.05188	-0.09	0.3794	-0.3281	0.3294		-0.4506	0.26
624	1	-0.56	-0.9369	0.9712	-1.119	-1.137		1.281	1.401	0.3912
625	1	-0.1106		-0.3494	-0.05		-0.74		0.05	0.1006
626	1	-1.531		0.21	-1.871		0.6494	1.77		
627	1	-0.08063	-1.557	0.3706	0.15	-0.9975		-0.5394	0.24	
628	1	-0.4712	-0.4481	0.13	-0.4306	0.4319	-0.4706	0.26	0.5594	6.86E-09

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
629	1			-0.2	0.5794	0.5619	0.3094		0.07937	0
630	1	-0.1812	1.202	-0.38	0.3194	0.1519	-1.121	-1.87	0.6694	-1.29
631	1	0.8988	-0.07812	-2.91E-09	0.5294	-0.09812	0.2494	0.33	1.899	-2.36
632	1	-0.5962	-0.08312	0.615	-0.5056		0.7344			0.165
633	1	0.3338	0.8069	-0.005	-0.6856	0.2869	-0.3856		0.2044	
634	1	-0.1412	0.6119	0.69	-0.3406	0.07188		1.51	-0.03063	0
635	1	-0.4762		1.315	-0.5856		-1.986			-0.215
636	1	-0.3	1.013	0.08125	-0.9994		0.000625		0.4306	0.4813
637	1	-0.4412	1.012	-0.27	-0.03062	0.9119	0.1594	1.11	-1.321	
638	1	-1.081		-0.12	0.6494	-0.02812	0.6494			
639	1	-0.2706	0.6625	1.491	-0.42		0.04		-1.21	-1.109
640	1	-2.26E-09		2.241	-0.2094	1.113	-0.2694	0.6012	-0.8494	0.1012
641	1	0.4788	0.6919	1.07	-0.000625		1.299	-0.73	0.03937	-1.59
642	1	-0.1413	0.2719	1.82	0.5294				0.1894	-0.07
643	1	-0.05125			0.6794				-0.3206	0.79
644	1	0.6244		-0.5144	-1.215	-0.3425			-0.215	
645	1	-0.2812	-0.1381	-0.04	-0.5106	0.2619	-0.02063	-0.59	-0.06063	0.5
646	1	-2.26E-09	1.113	-0.4788	-0.3394		0.5206	0.4712	-1.409	-0.6288
647	1	-1.101	0.1919	-0.14	-1.491			-1.27	-2.091	-0.24
648	1	-0.4812		0.08	-0.6006	0.7219	-0.06062	0.5	-1.061	-0.15
649	1	-0.525	0.04813	-0.00375	-0.1244	0.3281		-0.4638	-0.09438	0.5162
650	1	-1.326	0.1869	-0.075		0.4169				0.065
651	1	0.2588	0.1719	0.33	0.009375	0.02188	-0.07062	0.38	0.04938	-0.68
652	1	-2.26E-09	0.6031	1.621	-0.4094	-0.3069	-1.619	2.441	-0.4794	-1.039
653	1	0.2688	0.4519	-2.91E-09	-0.6406	-0.1181	-0.1206	-0.58	-0.2406	0.17
654	1	-0.1162	1.337	-0.105	0.3944	-0.4031			-0.6556	0.125
655	1	-0.00875	-0.2256	-0.3475	-0.2881	0.02438	-0.09813	-0.1975	-1.128	0.1325
656	1	0.6088	1.422	0.92	1.419	1.402	2.289		-0.2906	-0.91
657	1	-0.57	-0.7369	-0.6588	-0.3494	1.513	0.3606	1.251	1.191	1.671
658	1	-0.04125	0.2819	-0.5	-0.7106	1.082	0.1694	1.25	0.9894	0.13
659	1	-1.041		-1.52	0.8494	1.592	1.349		0.7994	
660	1	-2.26E-09	-1.427	0.03125	2.691	2.813	2.261	3.651	1.141	-0.3388
661	1	-0.2288	-1.136	0.4725	3.392	5.394	4.352	6.742	2.772	-2.118
662	1	-0.2012	-0.5581	-1.15	0.1494			1.96	-0.03062	
663	1	0.2188	-0.7681	-0.15	0.4894	0.9219	0.5994	3.53	0.1494	
664	1	-1.371	-0.9181	1.58	-0.2906	1.102	1.509			1.09
665	1	-0.5012	0.7719	-0.79	1.489	-1.278	-1.391	0.74	-0.3706	2.49

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
666	1	-0.2631	0	-0.4019	-0.1025					0.6981
667	1	0.1837	-0.4931	-0.075	0.7644	0.2469	-0.2756		-0.9456	
668	1	-2.26E-09	-0.8669	-0.08875	0.2006	0.5631	-0.009375			0.2112
669	1	-0.8562	0.3469	-1.085				-0.995	0.1144	
670	1	-0.6212	0.5919	-1.81	-1.971					0
671	1	-0.1006	1.003	-0.3394		0.4425	-0.49		-0.88	
672	1	0.3069		-1.042	-1.723	-2.79E-10	-1.583		-0.7725	0.1081
673	1	-0.1622	0.05094	0.1591	-0.8316	0.6709	-0.9216	-0.5009	-0.5716	0.3491
674	1	0.6138	0.6669		0.1744	1.707			-1.056	
675	1	0.6788	0.6619	0.2	-0.000625		-0.3706			0.05
676	1	-0.9731	0	1.288	-1.423	-0.3	-1.383	-0.1519	4.877	-0.4819
677	1	-0.09125	-0.2581	-0.44	-0.3006	0.2619	0.3294	-0.1	2.239	-0.1
678	1	0.1588	-0.1081	1.68						-0.02
679	1	-0.5931	0	-0.5419	-0.0925	2.44				3.218
680	1	-0.4256	-0.7525	-0.2344	-0.305	1.138	0.235			0.4456
681	1	-0.3313	0.2719	0.09	0.1794	-0.1281	2.069	0.68	1.159	-0.76
682	1	-1.621	-0.7881	0.13	-0.5606	0.7919	0.9894	-0.29	-1.061	0.03
683	1	0.5588	0.9819	1.13	-0.2606	-2.158	-1.201	0	0.1194	-0.95
684	1	-0.5762	0.3069	0.335	0.7144	-1.003	-1.226	-1.355	-1.196	-0.095
685	1	0.1288	0.1219	-2.91E-09	0.5794	-1.068	0.5194	-0.42	0.01937	-0.39
686	1	-0.01562	-0.5525	0.09562	0.575	-1.152	0.715	-1.534	-3.475	
687	1	0.09844	-0.09844	0.1997	0.9791	-0.5684	0.5891	-0.5903	-1.751	
688	1	-0.07125	-0.9281	-0.38	0.07938	0.02188	0.6294	0.07	-0.05062	-0.02
689	1	0.7388	0.7019	1.37	1.059	0.2019	1.339	-0.69	-1.311	-0.62
690	1	0.1869	0.62	1.088	0.7475	-2.79E-10	0.7275	-1.492	-1.653	-1.032
691	1		-1.198	0.63	-0.3106				-1.011	0
692	1	-2.26E-09	1.663	-0.5688	-0.2694	-0.07687	-1.949		-2.019	1.481
693	1		0.9519	-2.91E-09	1.869					
694	1	0.5587	0.07187	-0.26	-0.09063	-0.06813	0.3194	-3.7	-1.991	1.74
695	1	0.8037	0.3369	0.355	0.6044		0.3144	-1.875	-1.166	0.305
696	1	-0.1362	0.5769	1.245	0.2844	-0.3531	-0.5356		-1.356	0.025
697	1	0.7569	0	1.258	0.9675		-0.9425	-1.332	-2.353	-1.332
698	1	-0.5812	0.3519	-0.2	-0.5306	0.6419	0.3494	-0.25		-0.32
699	1	-0.5012	0.1419	-2.91E-09	-0.9406	-0.8281	-0.9306		-0.9106	0.09
700	1	-0.1912	0.9619	-0.01		0.07188	-0.7406			-1.03
701	1	-2.26E-09	-0.3869	-0.1588	-0.2094	-1.267	-0.6394	-0.1188	0.3106	0.09125
702	1	0.7787	0.6819	0.35	-2.091	-1.108	-0.9506			0.12

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
703	1	1.238	1.221	0.2991	-0.9616	-0.2991	-1.562	-0.4909	-1.072	0.8491
704	1	0.1987	1.662	-0.47		0.04187			0.2894	-0.61
705	1	-0.09125	1.462	-2.91E-09	0.6594				-0.8006	
706	1	0.2788		0.77	1.209	1.062	-0.3606	-0.47		
707	1	0.2044		-0.4044	0.595	0.8675		-4.774		-1.074
708	1	1.529		0.85	-0.6706	-0.1081	-1.531			0
709	1	-0.4412	0.8619	-0.35	-1.471	0.1019	-1.061		-1.261	1.67
710	1	-2.26E-09	1.363	-0.1688	-0.4494	0.2731			-0.5594	
711	1	0.5944	0.3275	-1.294	-0.655	-1.672			-0.025	0.3156
712	1	0.4112	0.6244	-0.4375	-1.118	0.5244	-0.5581		-0.4881	-0.4375
713	1	0.1587	-1.598	-0.24	0.01937	-0.3781	-0.04063		-0.2006	0.15
714	1	0.6038	1.617	-0.205		-1.903	-0.3256	-0.795	-0.6756	-0.475
715	1	-0.07125	0.5919	-0.65	-0.8806	0.8819				
716	1	0.6369	0.88	-0.4519	-0.3925	-2.79E-10	-0.6225	-0.3019	-0.3525	-0.1519
717	1	-0.6363	0.2669	-0.575	0.1644	1.147	0.2044	1.055	0.2744	-1.165
718	1	0.03938	0.6525	0.07062	-1.87	0.7025		1.811	2.76	-0.03938
719	1	-0.2213	-0.3881	-0.56	0.1894	1.432	-1.431		1.669	2.4
720	1	-0.5663	2.587	-1.025	-0.5256		-0.8256			
721	1	-1.036	-0.6131	-0.245	3.284		0.8844	5.445	0.7344	
722	1	-0.4862	1.417	-0.235	-0.2456	0.6469	-0.3756	3.525	2.014	-0.625
723	1	-0.06563	0.9875	-2.524			-2.205			0.06562
724	1	-0.3412	0.01188	-0.68	-0.000625	0.3619			-1.961	-0.93
725	1	-2.321					-1.921	-1.97	1.299	
726	1	0.1388	0.1319	-0.13	-0.3706	0.5919	0.4794	-0.57	-0.4706	-0.77
727	1	0.2087	-1.888	-1.12	0.09937		0.7094			
728	1	-2.26E-09		0.2612	-0.8294	0.7831	0.2806		-1.239	0.06125
729	1	-0.9212		-1.7					0.6494	
730	1	-0.8006		-1.349	-2.49				0.38	
731	1	-0.2112	-0.4881	-0.27	-0.6606	-1.408	-1.031	0.08	1.529	-1.01
732	1	-0.2662	-0.3431	-0.045	-0.05562	-1.263	0.1744			
733	1	0.2688		-0.17	-0.000625				0.9894	-0.52
734	1	2.758	0.7709	0.7391	0.008437	-0.009062	-0.6016			-1.751
735	1	0.2688	0.1919	0.69			-0.1606	-1.2	-1.311	0
736	1	-0.2712	1.022	0.27	1.319	1.082	1.209	-4.13	-1.951	-0.76
737	1	0.7288	0.6019	1.39	0.6794	0.3819	1.569	-1.59	-1.291	-2.05
738	1	0.6128	0.4459	1.224	1.333	0.3659	1.043		-3.177	-0.3659
739	1	-0.2212	-0.01812	1.5	0.7894	0.5719	2.679	-0.38	0.2594	-0.83

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
740	1	-2.586		-2.195	0.9644	1.687	1.284	-3.845	-1.146	-2.525
741	1	0.06875	-1.128	-0.2	0.1594	0.9219	1.299	-2.17	-0.4606	-0.51
742	1	1.499	1.242	0.88	2.539	0.7719	2.699	-2.61	-3.911	-1.22
743	1	-2.081	1.202	1.5	0.7894	0.5219	0.4294	-3.06	-3.281	0.21
744	1	-0.08125	-0.2781	0.11	1.579	0.7619	1.349	-4.31	-1.971	0
745	1	0.3769	-2.78E-17	-0.1119	0.6475	1.87	2.207	-1.792	-3.023	-0.2519
746	1	-0.97		0.1712	0.9606	-0.6469	0.000625	-0.7388	-0.9194	-0.05875
747	1	0.4088	-0.08812	-0.15	0.1894	0.5919	1.599		-0.2106	-0.25
748	1	-0.6312	-0.8881	-2.91E-09	0.1694	1.742	1.659		-1.011	-0.77
749	1	-0.1113	-1.058	0.56	1.069	2.192	2.529	-0.92	0.6694	-2
750	1	-0.89	0.6131	-0.5788	1.161	2.163	1.971	-1.599	0.000625	-2.719
751	1	-1.881	-0.2381	-2.91E-09	4.159	4.322	4.129	-0.88	2.339	
752	1	0.1069	0	0.3281	1.177	0.74	1.157	-1.252	-0.8125	-0.5319
753	1	0.3228	0.1959	0.8441	1.893	1.236	2.323	-0.1959	-0.3266	
754	1	0.1	-0.5869	2.831	1.471	0.5131	-0.1694		0.000625	-0.7087
755	1	0.3088		0.41	0.6894	0.5619	0.1994	0.42	-0.06062	
756	1	-0.6688	-0.6156	-0.4375	-1.108					-0.1075
757	1	-0.2662		-0.135	-1.296		-0.7356	0.385		-1.785
758	1	-0.2113	-0.7381	0.47	1.289	-0.2281	-0.6806	-0.15	-0.7606	0.84
759	1	0.04875	0.1719	-2.91E-09		-0.1281	0.2394	-0.12	-1.101	-0.94
760	1	0.1894	0.8925	-0.7194	-0.41	-0.2075	-0.47		-0.57	-1.369
761	1	-0.06125	1.012	0.17	-0.5106	-0.3081	0.04937	-0.2	-0.5606	-0.42
762	1	0.1988	-0.4581	-0.51	-0.4506	-0.4181	-0.7806	-2.2	-0.2006	0.15
763	1	0.05781	0.02094	0.7691	-0.5316	1.031	1.748		-0.9216	-0.3309
764	1	-0.1512	-0.8981	-0.41	-0.05062	0.1219	-1.291	0.13	0.2694	-0.12
765	1	0.4588	-1.748	-1.21	-0.000625		-2.301		0.3994	-0.44
766	1	-0.4756	-0.5025	-0.5344	-0.965	0.2375	-0.495		-0.155	1.806
767	1	-0.1062	-0.4231	-1.345	-0.6656	-1.303	0.2744		-0.2556	-0.085
768	1	0.06875	-0.1681	-0.32	-0.4506	-1.028	-0.1706		-0.5606	-0.39
769	1	0.3538	-0.4031	-1.225	-0.4356	-1.573	-1.706			0.785
770	1	0.9087	0.1919	-0.77	-0.8906	-1.568	-1.091	0.13	0.5194	0.71
771	1	-0.3812	-0.7481	-0.86	-0.000625	-0.7381	-1.121	1.29	1.979	1.58
772	1	-0.01125	-0.2181	0.16	-0.8806	-0.8481	-0.9506	-0.82	0.01937	0.56
773	1	-0.15		-1.509	-0.7894		0.1506			0.6412
774	1	-0.8262	-0.9931	-0.335	-1.226	0.08688	-0.3656	2.285	-0.4956	0.345
775	1	-0.7212	-0.5581	-1.68	-1.121	-1.018	-1.041		0.3394	1.71
776	1	-1.33		-2.349	-0.8594	-1.697	0.000625		0.9806	-0.7387

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
777	1	-1.951		-2.22	-2.511	-2.798		2.18	2.949	-0.2
778	1	-1.621		-1.43			0.4194	4.08	2.629	-0.26
779	1	-2.26E-09	-0.05687	-1.709	-0.4394	-0.6669	-0.9694		0.7806	0.5912
780	1	-0.6013	0.7919	-0.35	-1.091	0.06187	-1.251		-0.3006	-0.25
781	1	0.35	-0.1869	0.07125	1.031	-0.2269	0.04062	-0.9388	0.000625	-0.06875
782	1	-0.8912	-1.258	-1.13	0.5194	0.6619	0.3094	-0.23	0.03938	-0.46
783	1	-0.09125	-0.1681	-0.07		1.472	1.389	-0.65	-0.2206	-1.49
784	1	-0.405	-0.8619	-1.444	-0.07438	-0.1819	-0.9344	0.3562	0.1056	0.4162
785	1	-0.5613		-2.11	-0.8006	-2.068	-1.111	0.15	1.439	1.22
786	1	-0.5012	-0.7281	-0.7	0.2594	-0.3681	0.4294	-0.16	0.009375	0.92
787	1	-0.6512	-0.01812	-0.39		-1.048	-2.191	0.48	0.3294	0.14
788	1	0.08438	-0.5725	-0.7544	-1.185		-0.315		2.975	-0.4044
789	1	-0.6912	-1.168	-0.58	-1.341	-0.9181	-2.701	-0.81	0.8094	2.72
790	1	-0.2012	1.022	0.93	-1.861	-0.8081	-1.721	-0.77	1.329	-1.77
791	1	0.6469	0	-0.03188	-0.2225	-0.19	-0.0325	-0.8019	0.0375	0.2281
792	1	-0.1612	-0.1081	-0.03	-0.000625	-0.7581	-0.1006	-0.1	0.3094	1.35
793	1	-0.8312	-2.288	-3.06	-0.000625	-1.638	-3.381	0.66	2.179	0.26
794	1	-2.011	-3.058	-2.6	-0.1206	2.312	-1.091	-0.47	0.8794	
795	1	-0.00125	-0.6681	-0.29	0.03938	-1.298	-0.2506	-4.72E-16	-1.981	0.26
796	1	-0.6812	-1.508	-0.59	-0.000625		-0.6806	-1.54	-0.02063	0.58
797	1	-0.01125	-0.7181	-0.45	0.1394	-0.01812	0.03938	-0.45	-0.02062	0.75
798	1	-1.141	-1.848	-1.77	-1.381	-1.278	-0.5306	2.46	1.539	1.32
799	1	-0.1312	-0.8281	-1.6	-0.2806	0.01188	-1.311	0.41	0.7594	1.03
800	1	-0.2212	-0.07812	-0.91	-0.4106		-0.8306	1.06	2.789	0.6
801	1	0.09	-0.3569	-1.559	-0.2994	-0.6869	0.000625	2.491	3.081	2.511
802	1	-0.2312	-0.3781	0.06	-0.8606	-1.368	-1.591	0	0.1494	0.48
803	1	-0.04125	-1.178	-1.43	-0.2806	-0.4281	-0.6306	-0.92	-0.05062	0.08
804	1	-0.5213	-1.278	-1.89	-0.2006	-0.04813	-1.411	-0.2	0.04937	0.92
805	1	-0.7412	-1.758	-1.05	-0.7306	-0.3181	-0.7606	-0.18	0.2194	0.28
806	1	-0.7662	-0.8131	-0.545	-0.5956		-1.326	-0.125	0.3844	0.755
807	1	-0.5412	-1.058	-0.98	0.1694	0.2419	0.3594	-0.02	-0.03063	-0.58
808	1	-0.7812	-1.088	-0.74	-0.2906	0.5019	0.09937	-0.23	-0.06062	0.39
809	1	-0.6762	-2.093	-1.705	-0.02562	0.1769	0.5444	0.345	0.4944	-1.125
810	1	-0.2912	-1.808	-1.4	-0.000625	-1.118	0.3694	-0.37	0.1294	0.11
811	1	0.1588	-0.6081	-0.57	-0.6206	-2.868	-0.3506	-0.42	-0.000625	1.39
812	1	-0.4312	-1.758	-0.81	0.05938	-0.2881	-0.5806	-0.2	0.08938	-0.55
813	1	0.1128	-1.704	-0.7159	-0.9266	-0.06406	-0.2766		0.5134	1.074

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
814	1	-0.45	-1.387	0.06125	-0.9894	-0.1069	-0.3294	-0.1888	0.000625	0.6613
815	1	-0.2144		-0.8431	-0.3837	0.4488	-0.7738	-0.3631	0.00625	0.6369
816	1	-1.071		-1.929	-0.54	-0.1775	0.24	-1.579	0.16	0.8006
817	1	0.17	-1.147	-0.6388	-0.07937	-0.6869	-0.8494	-0.7188	0.000625	0.8512
818	1	-0.8912	-1.778	-1.18	-0.9706	0.2119	-0.3306	-1.2	0.02938	0.28
819	1	-1.221	-2.798	-2.66	-0.3106	-1.178	-1.581	0.34	0.1194	0.51
820	1	-0.7413								-1.51
821	1	-1.141	-2.938	-1.95	-1.451	-1.468	-2.371	0	0.6994	-0.71
822	1	-1.141	-1.748	-2.04	-0.3606	-0.6281	-0.8606		-0.5706	-0.06
823	1	-0.48	-2.207	-1.129	0.1006	-0.3769	0.000625	-0.5688	0.07062	0.7213
824	1	-2.26E-09	-2.037	-1.719	-1.029	-0.9969	-1.519	0.4312	0.4306	1.131
825	1	-0.3513	-1.418	-1.34	-0.5106	0.06187	-1.101	-0.64	-0.07063	1.23
826	1	-0.1172	-0.9141	-0.7159	0.02344	-0.02406	-1.257	-0.7359	-0.1566	1.024
827	1	-0.9912	-0.5581	-1.74	-0.4206	0.5819	-0.6606	0	0.1694	0.24
828	1	-0.06125	-0.8981	-0.77	-0.07062	-1.298	-0.9606	-0.03	0.06937	0.46
829	1	0.06875	-0.7181	-0.51	-0.1406	-1.598	-0.03062	-0.23	-0.07062	1.56
830	1	-0.6713								0.25
831	1	-0.6612	-1.828	-1.6	-0.000625	-0.2781	-0.5006	-1.5	0.3894	0.66
832	1	-0.7913	-2.518	-2.44	-0.3506	-0.2181	-0.06063	-0.49	0.5994	1.18
833	1	-0.6931	-1.58	-1.502	0.1575	-2.79E-10	-3.003	-0.6819	-0.3825	0.7981
834	1	-1.411	-3.238	-2.42	-0.3306	0.4519	-0.6906	-0.64	0.04938	1.06
835	1	-0.8112	-2.538	-2.12	-0.4206	0.3319	-1.461	0.4	1.079	1.36
836	1	0.3688	-1.618	-1.44	-0.1006	-0.3981	-1.391	0.15	0.7994	1.03
837	1	-0.2913	-2.828	-2.26	-0.7306	-1.678	-1.441	-0.08	0.1894	1.11
838	1	-0.7813	-2.078	-1.06	-0.3006	0.1619	-0.2406	-0.8	-0.1406	0.7
839	1	-0.5812	-1.238	-1.7	-0.2706	-0.1881	-0.6806	-0.52	0.1394	0.82
840	1	0.15	-0.8569	-1.159	-0.4894	-1.537	-1.379	-1.229	0.000625	0.6713
841	1	-0.5512	-0.6981	-1.72	-0.5606	-2.208	-1.761	-1.06	-0.05063	1.26
842	1	-0.3912	-1.428	-1.03	-0.6206	-1.518	-1.361	-0.5	0.06938	1.1
843	1	-0.3412	-1.358	-1.46	-0.3106	-0.8081	-1.201	-0.19	0.4794	0.75
844	1	-2.26E-09	-0.8669	-0.6688	-1.269	0.6131	-1.329	-0.8088	-0.4594	0.5812
845	1	-2.26E-09	-0.9869	-0.5588	-1.399	-1.577	-1.209	-1.719	-0.3794	0.7412
846	1	-0.2412	-1.968	-1.89	-0.3706	-1.388	-1.911	-0.46	0.2494	0.51
847	1	-0.1212	-1.208	-1.06	-0.5606	-1.328	-1.401	-0.52	0.09938	1.01
848	1	-1.021	-2.508	-2.23	-1.301	-2.128	-1.421	-0.99	0.2594	0.96
849	1	-0.9712	-2.008	-1.7	-1.001	-0.7381	-1.351	-2.3	-0.03062	0.99
850	1	-0.8062	-2.563	-1.985	-0.6256	-1.623	-2.126	-3.415	-0.4456	0.955

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
851	1	-2.001	-4.068	-3.09	-2.411	-1.538	-3.011	-0.84	0.04938	-1.94
852	1	-1.011	-1.878	-2.57	-0.1506	-0.1081	-1.751	-0.06	0.5794	0.78
853	1	-1.05	-3.067	-2.209	-0.3594	0.3831	-1.289	-0.2888	0.000625	1.511
854	1	-1.16	-2.177	-2.309		0.3831	-1.229	-0.1588	0.000625	1.351
855	1	-1.089	-3.146	-2.108	-0.1481	0.1944	0.1919	-0.6275	0.1219	1.212
856	1	-0.9412	-2.108	-1.5	-0.7706	0.3819	-1.251	-0.66	-0.3506	1.06
857	1	-2.26E-09	-1.067	-1.269	-0.5194	-0.1669	-1.349	-1.599	0.2606	1.201
858	1	-0.9412	-1.698	-2.26	-1.271	0.07188	-1.211	-1.83	-0.2106	0.07
859	1	-0.4313	-1.758	-1.68	-0.5106	0.8419	-0.8306	-0.23	0.3794	0.55
860	1	-0.6672	-2.454	-1.956	-0.1866	0.08594	-1.757	0.1641	0.7634	0.2041
861	1	-0.5912	-2.088	-1.8	-0.7906	-0.5881	-1.321	-0.2		0.33
862	1	-0.2813	-1.648	-1.53	-0.6006	-0.6181	-0.1706	-0.27	0.4594	1
863	1	-0.5012	-2.048	-1.84	-0.000625	-0.09812	-0.9106	0.64	0.7394	1.41
864	1	-0.3412	-1.998	-1.74	-0.1806	0.7219	-0.6206	-0.65	0.7294	0.92
865	1	-0.6112	-2.298	-2.04	-0.2206	0.3319	-0.5406	0.3	0.5794	1.13
866	1	-0.88	-2.607	-2.189	-0.5394	0.4131	-1.129	-0.6588	0.000625	1.061
867	1	-0.8988	-2.116	-2.318	-0.7181	0.7744	-0.9981	-0.4775	0.4319	0.2625
868	1	-1.011	-2.348	-2.13	-0.5606	0.8319	-0.7206			0.24
869	1	-1.151	-1.868	-3.05	-0.7306	0.3419	-1.321	-0.09	-0.1706	1.35
870	1	-0.09125	-1.768	-1.76	-0.2606	0.4319	-1.151	-0.54	0.4594	1.92
871	1	-0.7312	-1.238	-1.58	-0.2506	0.09188	-1.131	-0.41	-0.1906	0.91
872	1	-0.6913	-2.668	-2.52	-0.9506	-0.9881	-1.911	-0.96	-0.2306	0.7
873	1	-1.15	-2.757	-2.159	-1.519	-1.267	-2.819	-1.049	0.000625	1.461
874	1	-1.271	-2.728	-2.45	-1.301	-0.7581	-1.531	-0.48	0.1994	0
875	1	-0.9512	-2.498	-2.5	-1.291	0.7019	-0.7406	-2.42	-0.1506	1.38
876	1	-1.16	-2.157	-1.819	-0.9994	0.3831	-0.5694	-0.7788	0.000625	0.3712
877	1	-0.6712	-2.968	-2.04	-0.000625	0.1119	-0.6906	-0.5	-0.1306	0.38
878	1	-0.6531	-3.07	-1.612	0.1175	-2.79E-10	-0.7625	-0.7419	-0.2125	0.4781
879	1	-0.9862	-2.323	-2.245	-0.6856	-1.143	-1.106		-1.006	0.925
880	1	-0.7212	-1.918	-1.78	-0.3606	0.3619	-0.1506	-0.5	-0.06063	0.35
881	1	-0.5506	-1.867	-1.469	-0.33	-0.9375	-0.42	-0.3794	0.01	0.2906
882	1	-0.1	-1.477	-0.8988	-0.03937	-0.4469	0.000625		0.000625	-0.1787
883	1	-0.72	-2.007	-1.429	-0.1094	-1.567	-0.8494	-1.079	0.000625	0.9913
884	1	-0.2412	-1.298	-1.19	0.2594	-0.2781	-0.3406	-0.17	0.009375	0.96
885	1	-2.011		-2.85	-2.551	-0.1381	-1.521	-1.57	0.01938	-0.03
886	1	0.1712	-1.656	-1.458	-1.188	-1.086	-2.258	-1.428	-0.9781	0.2225
887	1	-0.4212	-1.698	-1.3	-0.9406	-1.108	-1.131		-0.1806	

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
888	1	-0.5612	-1.388	-1.31	-0.000625	-0.4281	-1.111	-0.22	0.2294	0.81
889	1	-0.5812	-2.448	-2.15	-0.4006	-0.6281	-1.671	-0.38	0.1994	0.87
890	1	-1.071	-1.278	-2.13	-0.7006	-0.5781	-1.321	-1.42	-0.3506	0.28
891	1	-0.7112	-2.128	-1.54	0.3694	0.4819	-0.1106	-0.07	0.1494	0.28
892	1	0.1044	-1.232	-1.004	-0.155			-0.1544	0.515	1.246
893	1	-0.1012	-1.698	-1.03	0.1594	-0.6181	-0.5006	0	0.6194	1.66
894	1	-0.7012	-2.428	-1.61	0.04938	-0.1681	-1.251			0
895	1	-2.26E-09	-1.587	-0.6088	-0.5294	-0.9169	-1.529	-0.2588	0.02062	1.361
896	1	-0.9856	-1.342	-1.634	-0.955		-1.045	-0.4544	0.005	1.546
897	1	-0.5	-1.667	-0.7488	0.2106	1.153	0.000625	-0.6688	-0.5494	-1.219
898	1	-0.67	-2.747	-1.909	0.1306	1.303	0.000625	-0.3888	-0.2194	-1.369
899	1	-0.1012	-1.168	-1.66	-0.5006	-0.06812	-1.361	0.26	0.9594	-0.24
900	1	-1.25	-1.227	-1.099	-0.4794	0.3731	-0.4794	-0.1588	0.000625	1.011
901	1	0.2888	-0.3681	-0.51	-0.09062	-0.5781	-1.801			0.55
902	1	-0.1712	-1.148	-1.29	0.1894	0.07188	-0.4106	-0.23	0.3294	0.33
903	1	-0.1831	0	0.1681	-0.3025	-0.76	-0.7725	0.1381	0.5775	-0.08188
904	1	-0.4112	0.03188	-2.92E-09	-0.3806	-1.418	-0.9806	-0.4	-0.1306	1.63E-11
905	1	-0.000625		-1.349	-0.2	0.0725	-0.67	-0.8694	0.01	0.000625
906	1	-0.4112	-0.7281	-1.8	-0.000625	-0.1081	-0.3506	-0.22	0.2694	1.96
907	1	0.2988	-0.05812	-1.22	0.1194	-0.9181	-1.131	-0.31	0.3094	0.02
908	1	-0.7612	-1.328	-1.71	-1.121	-0.7781	-0.5906	-0.73	-0.1706	0.26
909	1	-0.075	-0.6019	-0.7338	-0.5544	-0.9319	-1.144		0.07562	0.5862
910	1	-1.196	-3.993	-2.235	-1.356		-1.986		-0.4656	
911	1	-1.071	-0.4181	-0.4	-0.8506	-0.5781	-0.8606	-1.01	-0.4506	0.75
912	1	-0.1656		-0.8344	-1.395		-0.955	0.1656	-0.425	
913	1	-0.5112	-1.708	-1.57	-0.6706	-0.4981	-1.251	0	0.04938	1.09
914	1	-1.219	-0.8556	-0.7975	-0.1981	1.184	0.3419	0.1825	-0.1781	-0.4775
915	1	-1.076		-0.225	-1.076	0.8969	0.2644			-0.465
916	1	-0.9912	-1.748	-1.05	0.08938	0.3919	0.2594	-0.93	-0.2006	-0.27
917	1	-0.00125	-0.6181	-0.19	-0.1606	-0.6681	0.2194	-4.72E-16	-0.1906	1.47
918	1	0.6588	-2.578	-0.79	-1.311	0.1619	-0.4706	-0.74	-1.231	0
919	1	-0.5088	-0.7656	-0.0975	0.03187	0.4444	0.2919	-0.6275	-0.3281	0.8125
920	1	0.3388	-0.2081	-0.35	-0.000625	-0.2181	-0.3306	-0.58	-1.011	0.29
921	1	-0.7212	-1.838	-2.27	-0.9006	-0.2481	-1.071	0.13	0.1094	1
922	1	-0.9	-1.577	-2.659	-1.039	-0.8469	-2.219		0.000625	0.7512
923	1	0.6087	-0.4681	-0.32	0.3894	0.06188	-0.5106	1.82	0.7494	0.05
924	1	1.071	0.06438	-0.0075	1.482	1.324	-1.408	3.022	1.772	

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
925	1	0.4569	0.15	0.1181	1.067	-2.79E-10	-3.213	0.1081	-0.0225	0.9081
926	1	1.339	0.4119	1.53	0.6294	-0.6681	-0.5106	0.09	-0.4006	0.87
927	1	0.4228	-0.6441	-0.01594	0.8534	0.01594	-0.3766	0.9141	1.343	0.1841
928	1	0.00125	-1.176	-0.6575	0.5419	-0.7056	-0.2881	0.8325	0.3819	0.2825
929	1	1.259	-0.09812	0.77	0.6194	0.4719	0.7794	0	-0.2106	2
930	1	0.3788	-0.1481	-0.03	0.02938	0.8919	0.6594	0.09	0.4694	-0.41
931	1	0.05062	-0.2163	-0.2481	0.6512	1.744	1.361	0.09187	0.3312	-0.07813
932	1	-0.4712	-1.228	-2.91E-09	0.2594	0.5119	-0.2606	1.08	0.3994	0.28
933	1	0.3769	0	-1.892	-2.773	-0.79		0.1681	-1.683	0.6981
934	1	-0.9013	-2.148	-2.55	-1.731	-0.1481	-1.591	-0.62	0.09937	0.74
935	1	-2.001	-1.538	-2.46	-3.201		-2.741	2.49	1.649	1.43
936	1	0.4788	-0.3781	-0.7	-0.000625	0.7719	-0.4706	2.28	1.339	1.22
937	1	0.1912	-0.8856	-1.028	-0.3081	0.4244	-0.5481	1.972	0.8919	1.102
938	1	-0.4356	0.2175	-0.01438	-0.335	0.5275	0.015		-3.695	-0.9444
939	1	0.03438	-0.3125	0.08562	-0.665	0.1975	0.025	-1.964	-2.035	-0.02437
940	1	-0.02062	-1.697	-0.9094	-0.64	0.6925	-0.04		2.29	0.3206
941	1	-0.9306	-1.117	-1.219	-0.38	0.3625	0.2	1.581	1.62	
942	1	-0.2131	-1.03	-0.6119	0.2375	-2.79E-10	0.0175		-0.0125	-0.4619
943	1	-0.1922	-1.229	-0.9209	-0.3716	0.07094		0.09906	-0.3016	0.2291
944	1	0.4487	-0.2681	0.19	-0.2006	-0.2181	-0.1506	-0.02	-0.000625	0.02
945	1	-0.47	0.3731	0.01125	0.07063	-0.3369	0.7206	-0.5788	0.000625	0.2713
946	1	-0.6912	-0.6381	-0.11	-0.7706	-0.1381	-0.3206	0.44	0.02937	0.04
947	1	-0.1912	0.7019	-0.31	-0.000625	-0.4381				0.63
948	1	-0.3472	-1.204	-0.8959	-0.1566	0.06594	-1.127		-0.2766	0.6041
949	1	-0.2312	-0.9781	0.1	-1.841	-1.858	-1.381		-2.051	
950	1	0.1088	-0.2981	-0.51	-1.621	-1.638	-1.481	-1.53	-1.831	0.37
951	1	-2.26E-09	-0.1669	-0.07875	-0.2594	-0.09687	0.06062	-0.6188	-0.2394	0.05125
952	1	0.7988	0.2119	0.93	1.099	1.452	0.9394	-1.08	-1.631	0.03
953	1	-2.26E-09	1.223	0.9312	1.191	-0.01687	2.761	-0.4088	-0.2294	0.6912
954	1	0.5169	0	0.1281	-0.2825	0.72	-0.8525	-0.1219	-0.3725	-0.1219
955	1	1.059		0.27	-0.6306	0.3719	-0.1906	-1.92	0.3194	-0.82
956	1	-0.1312	-0.5081	0.03	-0.09062	0.2119	-1.701	-0.03	0.3594	0.4
957	1	-0.9131	0.33	-0.3719	-0.7925	-2.79E-10	-0.8025			1.258
958	1	0.03875	1.462	-0.78	-0.7206	0.5519	-1.431	1	0.1194	0
959	1	-0.2112	0.06188	-0.02	0.5394	1.692		0.57	1.449	
960	1	-0.4112		-0.23		0.6419	-0.3006			
961	1	-0.2631	1.22	0.8381	-0.7825	-2.79E-10	0.1575			

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
962	1	0.5438	0.2969	0.505	0.5244					
963	1	1.149	0.4019	1.59	1.259	-0.4981	0.9794	-1.51	-1.511	-1.39
964	1	0.08875		0.11	0.4494	-0.1981	0.8294	-0.07	-0.8506	0.43
965	1	0.2237	0.3969	-0.075	-0.05563					
966	1	0.2888	-0.1981	-0.8	-1.061	-0.4981	-0.9206		-1.851	0.35
967	1	-2.26E-09	-1.167	-1.509	-2.029					
968	1	0.4688	-0.07812	-0.74	-1.681	-1.698	-1.121			0.29
969	1	-0.5312	0.03188	0.01	-1.151	-0.5781	-0.7906	-1.64	-1.521	1
970	1	-0.03938	-0.7963	-1.298	-1.239	1.444	-0.7788	-1.148	-0.4488	1.932
971	1	0.2688	0.8219	0.68	-0.8706	-0.2581	-0.5106	0	-0.3106	0.05
972	1	-1.271		1.681	-2.42		0.04	-0.5894		
973	1	-0.6712		-0.76	-1.291	1.132	-1.491	0		-0.1
974	1	-0.1644	0.5787	-0.2531	0.2362		-0.03375	-0.3831	-0.7038	0.3869
975	1	-0.02062		-0.06938	0.06	-0.6975	-0.76	0.1406	0.31	0.02062
976	1	-0.08125	-0.2181	-0.07	-0.4806	0.5619			-0.2906	2.23
977	1	-0.6312	-0.6581	-0.98	-0.4906	-0.8481	-0.9706	-0.26	0.1994	0.44
978	1	-0.1762		0.095			0.7844	-0.785		0.805
979	1	0.03781	0.0009375	-0.0009375	-0.1216		-0.4716		-1.542	0.7691
980	1	0.09875	0.5419	-0.07	-0.03062		0.2294	-0.88		-0.28
981	1	-0.2112	-0.3781	-0.78	-0.9606	0.8419	-0.6606	0	-0.3706	0.9
982	1	-0.9962	0.4269	-0.425	-1.436	0.9269	-0.2256	1.235	-1.596	-0.435
983	1	0.2038	-1.393	-0.365	0.03438	-0.3531	-0.2156	1.515	0.8044	0.545
984	1	-0.6731	0	-1.182	-0.6125	-0.79	-1.173	0.2681	0.5175	1.738
985	1	-0.1012	-0.5981	-0.81	-0.000625	-0.09812	-0.6106	1.22	1.369	2.86
986	1	-0.4662	-1.633	0.355	-0.4256	-1.323	-2.166	1.595	2.754	-0.185
987	1	0.00875		-2.91E-09	-0.08062	-1.738	-0.4106		3.889	-0.17
988	1	-0.3612	-0.7381	-1.13	-0.2206	-0.4081	-1.461	1.76	1.049	1.14
989	1	-0.1012	-0.8781	-0.8	-0.05062	0.2719	-0.1706	1.67	1.969	2.23
990	1	-2.26E-09	-0.7069	-0.8188	-0.05938	0.3131	-0.9194	-0.1488	-0.1594	1.201
991	1	-2.26E-09	-1.207	-0.7188	-0.3694	0.2631	-0.9794	-0.3088	-0.3394	1.021
992	1	-1.111	-1.208	-0.31	-1.531	-1.028	-1.691	0.36	0.5294	1.44
993	1	-0.9206		-0.4894	-0.75	0.7825	-0.44	-1.339	0.07	
994	1	-0.8612	0.06188	-2.24	-0.000625	2.992	1.549		-1.971	5.19
995	1	-0.1563	-0.3231	-0.025	-0.03563	0.3469	0.5344		-0.7556	-0.135
996	1	-1.063	0	-1.152	-1.293	0.57	-0.3325	-0.7319	-0.7025	-0.3819
997	1	0.7488	1.192	0.79	-0.02062	-2.098	-1.701	-0.03	-0.3306	0.5
998	1	0.2878	0.1609	1.199	-0.2216	-0.4191	-0.1716		-0.4416	

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
999	1	0.2188	0.6019	0.17	-0.5206	-1.098	-0.6306		-1.371	-1.75
1000	1	-0.2712	0.7519	0.32	-0.1606	-0.9981	-0.8706	2.23	1.109	-0.29
1001	1	-0.4272	-0.1141	-1.036	-0.7766	-1.474	-0.4666	2.094	-0.5666	0.7041
1002	1	-1.091		-0.92				2.81	0.6394	
1003	1	-0.1813	-0.1481	-1.49	-2.011			6.16	3.549	
1004	1	-0.2112	-0.2781	0.54	-1.721	-1.058	-0.9006	5.2	2.589	-0.63
1005	1	0.1287		-0.03	-0.3306	-1.438	0.5694			-0.33
1006	1	0.1687	-0.5181	-1.05	0.6594	-0.4481			1.149	-0.54
1007	1	-0.1106		1.711	-0.53		-0.05			
1008	1	0.085		0.05625	-1.144			0.2962	-1.554	-1.134
1009	1	0.1144	0.6575	0.9456	-0.715	0.6775	-1.055	0.4056	0.105	-0.6844
1010	1	-0.1262	1.757	0.225		-0.2631			-0.7956	
1011	1	-0.2913	1.672	0.82	-1.671	0.7219	-0.6206	0.1		-0.58
1012	1	-0.4112	0.2819	-1.1	-0.9106		-1.041			
1013	1	-0.2106	0.1725	-0.5694	-0.24	0.9625	-0.27	2.151	0.08	1.001
1014	1	-0.1612	0.8219	-0.62	-0.7806	0.7019	2.299	-1.69	1.799	-0.95
1015	1	-0.4462	-0.2331	0.225	0.004375	1.227	-1.076	-0.385	-0.7856	-0.005
1016	1	-0.2663	-0.4331	1.495	-1.196	0.2269	-0.2756	-0.445	-1.786	
1017	1	0.07875	-0.8681	-0.01	0.009375	-0.6781	-0.4606		-0.4506	
1018	1	-0.7712	-0.6881	-1.04	-1.041	-0.8181	-1.281	0.05	0.09938	0.34
1019	1	0.009375	-1.477	-1.399	-1.34	-0.0375	-1.2		-1.13	0.07063
1020	1	0.1594	-0.2275	-0.7294	-0.67	0.7725	0.05		-1.46	-0.9994
1021	1	0.00875	-0.3981	0.14	-0.3606	1.002	0.7294	-0.47	-0.3506	0.07
1022	1	-0.5131	0	-0.9219	-1.543					-0.4519
1023	1	-0.1512	-1.318	-1.82	-2.761	-0.7781	-2.621			-0.35
1024	1	0.2187	0.1519	-0.19	-1.251	0.1719	-0.5706		-0.04063	-0.23
1025	1	0.9387	-0.04813	0.01	-0.8306	0.3219	-0.6906	-1.37	-1.421	0.48
1026	1	-0.3588	0.9144	-2.108	-1.848	0.7444	-2.388			
1027	1	-0.3422	0.03094	-0.7209	-0.03156	-1.149	-0.9916	-1.741		
1028	1	-0.4213	-0.01813	0.37	-1.291	-0.7881	-1.051	-0.42	1.439	0.78
1029	1	-0.3112	1.752	-0.1	-1.241	1.292	-0.2006	-0.95	-2.251	-0.95
1030	1	0.1078	-1.419	0.2991	-0.1816	0.0009375	-0.7816		0.2284	
1031	1	-0.5612	0.6219		-0.1506	0.5619	-0.4506	-1.21	-1.031	-0.77
1032	1	-2.73		-1.919			1.611		0.000625	
1033	1	-0.1672	-0.1841	-1.006	-0.4266	0.03594	-0.3466	-2.856	-0.2166	-0.05594
1034	1	0.4088	-1.078	-2.91E-09	-0.1206	-0.3381	-1.361			1.01
1035	1	0.2588	1.282	-0.1	-0.6206	1.362	2.369	-3.53	-0.09063	-2.21

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1036	1	-2.881			1.289	-0.1181				
1037	1	-1.761		-3.85	3.209	1.742	-2.651	-2.7		-1.7
1038	1	-1.282	0.01156	-0.5903	0.3591	-0.01844	-0.01094		-2.691	-2.03
1039	1	-2.26E-09		-0.00875	-0.3094	1.143				
1040	1	-2.26E-09	1.923	-1.239	-0.1094	-1.047	1.181			-0.4588
1041	1		1.252	0.37	0.02938	-0.4981	0.4494		-1.511	
1042	1	-1.512	0.3709	-0.4509	-1.542	0.2009	-0.6416	0.2391	0.2484	-0.2009
1043	1	0.06937	-0.9975	-0.5294	-0.11		-1.4	0.4406	0.96	2.811
1044	1	-1.092	-1.359	-1.721	-1.042	-0.05906	-0.9816	0.5491	0.1284	1.249
1045	1	-0.004375	0.6288	-1.093	-0.7138	-1.471	-1.894	4.277	4.436	4.067
1046	1	-0.5912		-1.22	0.01938	-0.9381	-1.901		-1.831	4.1
1047	1	0.3538	0.2669	-0.685	-0.03562	-0.8631	-1.966		0.2044	2.805
1048	1	-0.03562	-0.3225	-1.504	0.035	2.188	-1.305	4.446	2.905	1.026
1049	1	-0.2412		-1.06	-1.171	-0.7281	-0.5706	1.05	1.499	1.89
1050	1	-2.26E-09	1.223	-0.8688	-0.2294	-0.6069	-1.669	1.951	2.161	2.681
1051	1	-0.1822	0.07094	-0.8809	-1.762		-1.202			
1052	1	-0.4306		-0.6394	-1.3	0.4925	-0.21	1.931	3.68	
1053	1	-2.26E-09	1.393	-1.409	-1.129	-1.367	-0.3294	3.411	3.881	
1054	1	-0.3912	0.2419	0.58	-1.621	-1.058	-1.221	2.74	2.939	-0.95
1055	1	0.8269	0	-0.3319	-0.2025	-1.46	-1.503	3.568	2.047	-1.352
1056	1	-0.9112	1.712	-2.91E-09	-1.841	-0.1981	-0.6006	3.3	2.059	
1057	1	-0.7812	1.092	-0.48	-2.811	0.3419			1.299	-1.14
1058	1	-0.1562		-0.505	-0.5956					
1059	1	-0.2212		-0.97	-1.391				-3.501	-1.3
1060	1	-0.3412	2.452	0.15		1.372	-0.09063	-0.6	-0.1606	-0.8
1061	1	-1.241	1.392	-1.15	-1.271					0.1
1062	1	-0.5156	0.7575	-0.08438	-0.345	0.6775	0.035		-1.135	-0.9344
1063	1	0.1238	-0.4531	0.585	-0.5856	0.4469	0.1144	0.065	-1.276	-0.075
1064	1	0.3888	-1.018	-1.36	-0.4206	0.1819	-1.741	-0.33	-0.8706	-0.62
1065	1	0.1669	0	-0.2419	-0.9625	1.39	0.0775		-0.5525	
1066	1	-0.6062	0.8569	0.305	-0.9556	1.197	-1.016	-0.165	-0.9456	-0.545
1067	1	0.02375	-0.4131	-0.155	-1.376	0.1969	-1.716		-1.646	0.155
1068	1	-0.5313	2.632	-0.33	-1.411	0.8319		-3.64	-2.521	1.16
1069	1	-0.3731	0.91	-0.04188	-0.8425	-2.79E-10	-0.8425	-1.212	-1.093	1.308
1070	1	-0.9412	0.5119	-1.03	-1.671	1.212	-1.361	0	-1.291	-0.78
1071	1	-0.6962		-0.435		-0.5231	-0.3656	-0.635	-0.9856	
1072	1	-0.4412	2.492		-0.7106	-1.018	-3.031			

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1073	1	-1.951			-2.761				1.369	
1074	1	-0.6512	-2.098	-1.82	-0.7606	-0.4581	-1.041	2.75	3.499	0.08
1075	1	-0.4312	-0.5481	0.01	-0.6306	-0.7681	-0.4306	0.73	1.539	-0.66
1076	1	-0.4313		0.69	-1.031	-0.4481	-2.361			-0.37
1077	1	0.1044	2.378	-0.1044	-1.185	0.4775	-0.365	-0.8344	-1.715	-0.4144
1078	1	-0.5812	-1.128	-0.85	-0.7906	1.142	-0.4706	-0.9	-0.6406	0.1
1079	1	2.24E-09	0.2831	-0.4188	-0.2594	-0.5369	-0.1694		0.000625	1.601
1080	1	-0.6262	0.8469	0.575	-0.8756	-0.6731	-0.2256			
1081	1	-0.3163	0.4569	-0.345	-0.5256	-0.6831	-0.9456		2.964	-0.375
1082	1	-0.7912	-1.038	-1.14	-0.01062	-0.7281	-0.1706	1.65	1.359	0.14
1083	1	-0.8912	-0.8281	-1.5	1.389	-0.06812	-0.9806	-1.18	-1.151	0
1084	1	-0.5012	1.152	-1.12	-0.7706	-0.3481	-0.7706	0.99		0.32
1085	1	-1.011	-1.278	-0.78	-1.341	-1.358	-0.8206	-1.63	0.9694	0.75
1086	1	-1.551		-1.06	-2.141	0.3619	0.1394	0	-0.1306	0.42
1087	1	0.02844	0.01156	-0.3803	1.319	-0.3184	-0.05094		-0.01094	-0.3203
1088	1	0.4294			0.27				-0.15	-0.6094
1089	1	-0.3831	0	0.2981	-0.3125	-0.18	-0.1725			0.6281
1090	1	0.07	0.003125	0.3612	-0.7694	0.2031	0.000625		0.5906	-0.4987
1091	1	-2.26E-09		0.1612	-1.179					
1092	1	-0.5672	0.3159	1.064	-0.3266	-0.1441	-0.9566		-0.5166	
1093	1	0.2987		0.42	-1.191		0.3194			-0.9
1094	1	0.4188	-1.338	-1.84	-2.781	-0.7981	-2.641	0.11	3.229	-0.11
1095	1	0.1656	-1.421	-1.343	-2.864		-2.724	0.2269	3.386	-0.4531
1096	1	0.5037	0.6769	-1.025	-1.766	-0.9831	-1.306	-0.215	2.224	-0.875
1097	1	-0.1612	-0.9481	-0.13	-0.5406	-2.408	-1.251	0.13	1.539	0.38
1098	1	0.2038	1.357	-0.565	-0.8256	0.9569	-1.106	-0.735	-2.616	-0.155
1099	1	-0.1962		-0.425			-1.546		-2.476	-0.275
1100	1	-0.2513		0.9	-1.421	1.092				-0.48
1101	1	-0.3163	-0.1931	-0.865	-0.3156	0.2369	0.2844		-0.7456	0.365
1102	1	-1.571	-1.398	-1	-2.141	1.122	-2.701	1.95	0.2194	3.14
1103	1	-0.49		-0.06875	-0.9794	-0.1969	0.000625			3.251
1104	1	-2.26E-09	0.2831	-0.2488	-2.349				1.981	-0.5488
1105	1	0.3178	-0.009062	0.5691	-0.6316		-0.3516			-1.061
1106	1	-0.4612	-1.028	-0.86	0.6894	1.742	1.879	0.16	-0.3906	-0.11
1107	1	1.043	-0.2141	-0.01594	1.493	-0.01406	2.233	0.9641	0.3234	-0.2859
1108	1	-0.5412		-0.03	0.3894	1.172	0.1694	-1.62	-0.5506	-0.24
1109	1	0.3488	-0.3281	-0.19	0.7794	0.2819	0.01937			-0.32

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1110	1	-2.24E-09	0.7731	-0.4488	0.4506	-0.3369	-0.1094	-0.2288	-0.01938	0.8012
1111	1	0.45	-0.2669	0.1712	0.9806	0.3331	0.03062	-0.1788	0.000625	1.001
1112	1	-0.4862	-0.1231	-1.375	0.6244	-0.1431	-1.456	0.445	0.1844	
1113	1	0.3388	-0.6881	-0.78	0.4594	-0.7681	-0.4106		-0.04062	-0.14
1114	1	0.00875	-0.4681	-0.79	0.2594	-0.3881	-0.5106	0.32	-0.1006	-0.4
1115	1	0.4687	-0.4181	-0.27	0.2394	-0.5281	-0.6706	-0.19	0.3194	0.14
1116	1	-0.3513	-1.208	-0.72	0.2694	-0.7681	0.2494	0.14	0.2994	-0.31
1117	1	-0.05125	-0.6181	-0.54	0.5494	-0.8281	0.6094	0.04	0.2594	0.09
1118	1	0.4888		0.37	0.02938	-0.1581	-0.5406			-0.47
1119	1	0.6812	0.9744	0.6825	1.062	0.1944	-0.1181	0.9425	-0.4181	-1.398
1120	1	0.5669	0	0.1881	1.317	0.14	0.9775	0.7181	0.6875	0.7181
1121	1	0.01875	-0.5981	-0.19	0.1994	0.1219	0.5994	0.22	-0.2106	0.34
1122	1	-0.2312	-0.2781			0.7619				
1123	1	-0.1006	-0.5475	-0.5594	0.99	0.5825	-0.48		-0.43	-0.7994
1124	1	-0.1088	-0.5156	-0.1675	1.522	0.1444	0.01187	2.052	0.8819	-0.8075
1125	1	-0.3912	-1.408	-1.64	0.4694	-0.7181	-0.06063	-0.02	0.1694	-0.13
1126	1	-0.3012	-0.8781	-0.83	-0.09062	0.001875	-1.371	0.48	0.02937	0
1127	1	0.1088	-0.3181	-0.01	0.9794	0.1719	0.1394	0	0.4894	0.8
1128	1	-0.05125	-0.3881	-0.16	1.889	0.7919	0.05937	1.17	0.6194	0.18
1129	1	0.1194	-0.3275	-0.2994	0.35		0.05	-0.1294	-0.19	0.9106
1130	1	-0.21	-0.9669	-0.9288	0.6706	0.09313	-0.06938	0.3512	0.000625	-0.9487
1131	1	-0.3012	-1.468	-1.03	-0.4506	-0.7481	-1.311	0.09	0.3194	1.32
1132	1	-1.066	-2.083	-2.005	0.02438		-1.576	-0.355	-0.5056	0.015
1133	1	-0.6662	-2.483	-1.245	0.1444	-0.3131		0.685	0.4044	-0.975
1134	1	-1.32	-1.557	-1.579	0.1006	-0.3369	0.000625	0.5512	0.2706	-1.169
1135	1	-0.2712	-0.8981	-1.12	0.06938	0.1219	-0.1306	-0.15	-0.2006	0.12
1136	1	-0.4612	-1.168	-0.94	-0.000625	-0.8681	-0.2406		-0.1306	-0.74
1137	1	-1.071	-1.678	-1.18	-0.000625	-1.938	-0.5306	0.19	0.2294	-0.02
1138	1	-0.4112	-1.308	-0.99	0.4194	-0.5081	-1.431	-0.09	0.09938	0.21
1139	1	-0.1013	-0.5381	-0.79	0.5294	-0.4681	-0.4906	0.92	0.6094	0.29
1140	1	0.08875	-1.348	-0.98	0.5194	-0.2181	-0.3206	0.76	0.5894	0.33
1141	1	-0.4506	-0.3475	-1.009	0.22	-0.2275	0.04	-0.4994	0.06	0.2006
1142	1	-0.9931	-1.35	-1.342	0.5075	-2.79E-10	-0.4125	-0.2019	0.2575	0.8181
1143	1	-0.4612	-1.088	-0.75	0.2694	-1.468	-0.7606	0.04	-0.1806	0.19
1144	1	-0.1812	-0.8381	-0.86	0.4794	-1.398	-0.06062	0	-0.2706	0.46
1145	1	-0.64	-1.137	-1.609	-0.1594	-0.4169	-0.7394	-0.2488	0.000625	0.8113
1146	1	-0.9706	-1.137	-1.209	0.56	-0.6275	-0.7	0.2506	0.08	-0.08937

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1147	1	-0.3962	-0.9231	-0.615	-0.1656	0.2769	-0.1556		-0.08563	-0.115
1148	1	-0.2512	-1.488	-1.27	0.009375	0.3419	-0.4306	0.18	0.5094	-0.03
1149	1	-1.019	-1.616	-1.248	0.8119	-0.1356	-0.05813	0.1425	-0.1281	0.7425
1150	1	0.4238	-0.2631	-0.285	0.09438	-0.4131	-0.3056	0.105	-0.6056	
1151	1	0.5788	0.4819	0.41	0.5994	0.8319	-0.07062	-0.49	-1.161	-0.77
1152	1	-0.2912	-1.358	-0.79	0.2194	0.2719	0.3194	-0.46	-0.4406	0.23
1153	1	0.4888	-0.6881	-0.34	0.8994	1.002	1.309	-0.61	-0.8506	-1.77
1154	1	-0.12	0.003125	-0.5688	0.3906	-1.097	-0.4294	0.4212	0.000625	1.101
1155	1	-0.06125	-0.8081	-0.27	-0.5006	-0.6881	-0.7306	-0.78	-0.8806	0.66
1156	1	-0.2712	-0.04812	-2.91E-09	-0.2706	-0.4181	-0.9006	-0.12	2.199	0.71
1157	1	-0.07125	-0.4681	-0.28	-0.2606	-0.02812	-0.2606	-0.04	2.029	0.93
1158	1	-0.1113	-0.7581	-0.4	-0.5006	0.2619	-0.1206	-1.01	1.289	0.88
1159	1	-0.02063	-0.8875	-0.9294	0.85	0.2425	0.49	1.391	-2.79	
1160	1	-0.09125	-0.5181	-0.51	0.5994	-0.3281	0.2394	0.22	0.2194	-0.05
1161	1	0.4544	-1.392	-1.134	0.795		0.195	0.1156	-0.005	-0.8544
1162	1	-0.003125	0	-0.2419	0.0775	-0.31	1.347	-0.3119	-0.9125	0.7981
1163	1	0.4087	-0.2681	0.49	0.6194	0.1919	0.7094		-1.521	-1.08
1164	1	-0.3013	-0.4581	-1.28	-0.7606	0.4819	0.5794			0.56
1165	1		1.102	-1.02		-0.1581	-0.09063		-0.1706	0.12
1166	1	0.1478	0.9709	-0.05094	0.008437	-0.009062	-0.2416	1.869	1.918	-1.371
1167	1	-0.5031	-1.12	-0.8919		-2.79E-10	-1.183	-0.3119	-0.4925	1.028
1168	1	-0.6212	-0.6381	-1.06	0.1694	-0.3481	-0.9506	-0.09	-0.5106	0.97
1169	1	0.29	-0.5269	0.3812	1.311	-0.2269	-0.06938	0.8412	0.000625	
1170	1	-0.2712	-0.7781	-1.19	-0.03062	-0.9781	-0.000625	0	0.4494	0.11
1171	1	-0.08	-0.9169	-0.8888	0.1106	-0.2769	-0.1194	0.2912	0.000625	0.4913
1172	1	-0.2212	1.122	-2.91E-09	-0.5706				-0.1606	
1173	1	-0.4712	-0.1681	-0.39		0.1619	-0.09063		0.6794	-0.09
1174	1	-2.26E-09	-0.2369	-0.08875		-0.2269	-0.009375		0.8406	0.03125
1175	1	1.089	0.2919	0.99	-0.9606	-1.218	0.08937	-0.59	-0.06063	0
1176	1	-0.3631	-0.67	-0.8119	-1.183	-2.79E-10	-0.4225	-2.332	-0.6325	2.728
1177	1	0.1488	0.2519	-2.91E-09	-0.4906	-2.108	-0.2406	-0.31	0.1994	-0.68
1178	1	-1.051	-0.9681	-0.26	0.06938	-0.5881	0.3994	-0.65	1.129	-0.65
1179	1	-0.3313	0.7619	-0.8	-0.3306		1.529			
1180	1	0.4588	-0.3481	0.51	1.129	1.942	-2.351	0	0.5594	2.12
1181	1	0.7	-0.6469	1.151	-0.06938		-0.7594		-1.439	1.171
1182	1	0.03875	-0.7481	-0.19	-0.000625	0.7919	-0.4706		-0.4506	0.66
1183	1	-0.7188	1.724	2.662	-0.1781	-0.4156	0.06187	2.432	2.142	2.072

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1184	1	-2.26E-09		0.5212	0.2106	-0.3869				-0.4988
1185	1	0.03	0.6631	0.8112	-0.1794	-1.407	-0.3194	0.07125	0.000625	-0.7988
1186	1	-0.8512	1.862	1.71	-0.000625		2.249			
1187	1	-0.6012	2.412	2.41	0.08938	1.412	2.629	-1.6	-1.771	0.94
1188	1	-1.237	0.05594	-0.1859	-0.6366	1.576	0.4234		-1.177	1.094
1189	1	-4.251	0.7619	0.32	-6.861	0.1219	-0.2006	-3.97	-1.771	0.19
1190	1	0.2744	1.438	1.796	0.005	0.2475	-0.005		-0.315	1.806
1191	1	0.5388	1.502	2.28	0.1694	-0.5981	-0.8206	0.93	-0.3006	1.61
1192	1	0.1338	1.637	1.465	0.004375	-0.3731	-0.2756	1.185	-0.7356	1.885
1193	1	-0.05	2.173	2.301	-0.09937	-0.1369	0.000625	0.7312	-0.7794	1.901
1194	1	-0.1056	1.638	1.706	-0.275	-0.4225	-0.385		-0.955	1.596
1195	1	-0.3112	1.212	1.32	-0.8006	0.07188	-0.5506	0.87	-0.1806	0.36
1196	1	-0.3212	1.542	1.46	0.1694	0.6019	1.329	-0.3	-0.7106	-1.48
1197	1	-2.26E-09	3.723	3.431	-1.149	0.07313		-0.5688	-3.819	
1198	1	-0.7331	1.91	1.508	-0.5325	-2.79E-10	0.3575	0.1381	-0.9625	-0.7019
1199	1	-0.3356	1.498	2.006	-0.475	0.3475	0.145	0.6656		-0.1544
1200	1	-1.46	3.393	2.771	-1.549	1.043	0.6906	-0.00875	0.000625	-0.02875
1201	1	-1.571	4.142	3.21	-2.351	-0.1481	-0.4106		-1.851	0.11
1202	1	-0.29	2.263	0.8312	-0.4994	-0.6369	-0.5094	-0.3888	0.000625	0.7712
1203	1	-2.26E-09	3.693	3.651		1.163	0.3006	-1.489	1.551	1.401
1204	1	-1.046	4.817	6.285	0.6644	2.677	1.674		-0.3256	0.065
1205	1	-0.4262		3.525	-0.9356	1.037	0.2144	-0.625	-0.3356	1.545
1206	1	-0.96	2.143	3.671	-0.8394	0.6531	0.5706		-1.039	1.701
1207	1	-0.06	1.563	2.361	0.09063	1.773	0.6106	-0.02875	0.000625	-0.5587
1208	1	-1.339	5.224	5.802					-2.208	
1209	1	-2.201	3.732	3.86	-1.891	2.512	0.1994	-0.16	0.1994	1.57
1210	1	-0.9362		3.705	-1.076	2.587	0.6244	0.205	0.6744	1.675
1211	1	-0.1106	2.853	2.451	-0.61			-0.9694	-1.09	0.1106
1212	1	-0.7712	2.282	2.67	-0.6406	1.742	0.5294	0	0.08938	-0.25
1213	1	-1.589	2.824	3.892		3.064	0.3419	-1.978	-0.1681	-2.308
1214	1	-0.3812	2.752	2.63	-0.000625	1.002	0.09937	-0.02	0.2994	-0.34
1215	1	-0.7712	2.292	2.43	-0.000625	1.122	0.09937	0.12	0.2394	-0.31
1216	1	-0.8556	2.428	2.286	0.065	1.088	-0.065	0.08562	0.155	
1217	1	-0.5613	2.512	2.55	0.01937		-0.4106	-0.09	0.1994	0.2
1218	1	-0.1312	1.702	1.82	0.01938	-0.6381	1.169	-0.6	-1.881	0.71
1219	1	-0.3612	3.322	1.74	-0.3306	0.7419	-0.8006	0.34	-1.561	1.73
1220	1	-0.2912	2.582	3	-0.3906	-0.2781				0.34

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Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1221	1	-1.4	-0.2769	-0.1988	-0.6594	0.2731	0.000625	0.2512	-0.2394	0.5013
1222	1	-1.263	0	-0.1019	-0.1825	0.53	0.6375	0.008125	-0.2125	1.438
1223	1	-0.6512	0.3619	-2.91E-09	0.07938	-0.008125	1.009	-0.1	-0.1306	0.28
1224	1	-1.79	1.013	0.7412	0.04063	1.693	0.000625	-0.8788	-1.609	-1.349
1225	1	0.04125		0.9325	0.3619	-0.3256	0.6819	0.1825	0.2319	0.4925
1226	1	-0.3906	-0.4875	-0.2494	0.43	0.2525	0.06		0.03	-0.3294
1227	1	0.06875	0.7019	-0.02	-1.551	0.3819	-0.7506	5.11	-2.141	-0.05
1228	1	0.01438	0.8575		-0.015	0.0375	2.095			
1229	1	0.2788	0.3119	0.02	0.07938		-0.01062	0.7		
1230	1	-0.3056	1.697	1.856	0.305	1.627	0.725		-5.165	1.016
1231	1	-2.26E-09	2.163	2.411	1.021	2.283	1.541	-3.289	-3.489	1.401
1232	1	-2.26E-09	1.883	2.041	0.7906	1.873	1.041	-2.159	-2.139	1.271
1233	1	0.9088		1.25	-0.7506					
1234	1	0.6738	1.197	0.705		0.5269		-1.035	-0.3756	-0.255
1235	1	-0.01062		0.2406	-0.56					-3.519
1236	1	1.131	1.514	2.302	-0.008125	-0.6256	-0.7981	0.3525	0.1219	-2.988
1237	1	0.06875	0.1119	1.37	-0.1606	0.1619	-0.2106		-1.841	-2.92
1238	1	-0.08219	0.03094	0.8791	-0.8016	-1.159		1.899	-0.7916	0.1291
1239	1	-2.26E-09	-0.5069	-0.5388	0.2306	0.4431	0.7606	0.5312	0.8106	0.9312
1240	1	-0.8012	-0.4981	-1.12	-0.7006	0.3919	-0.6906	0.99	0.8394	0.14
1241	1	0.1688	-0.06812	-0.35	-0.6806	0.7319	0.8394	-0.73	-0.8906	-0.63
1242	1	0.09125	-0.1556	-0.9075	-1.218		-0.7081		-0.8081	2.482
1243	1	-0.4831	-0.59	0.2181	-0.6525	-2.79E-10	0.9175	-1.832	1.427	2.118
1244	1	-0.8562		-0.235	-0.2156		-0.3656	-0.305	-1.186	2.285
1245	1	0.4237	-0.7431	0.595	0.4044	0.3869	1.344	-0.825		0.025
1246	1	-0.8862	0.4669	-0.215	-1.016		1.384			0.215
1247	1	-0.8362	-0.6931	-0.025	0.2544	0.05688	1.934	0.655		0.025
1248	1	-0.4612	1.822	1.94	-0.7506	1.552			-2.601	0.02
1249	1	-0.3863	-0.1431	0.025	0.004375	0.3269	1.984		-1.346	-0.465
1250	1	0.2488	0.2919	0.65	-1.271	1.092	2.149	-1.41	-1.231	0
1251	1	-0.1413	1.642	-0.12	-0.5006	0.3119	0.6894			-3.36
1252	1	0.01875	0.2219	0.53	0.1294	0.8819	1.359	0.12	-1.251	-0.23
1253	1	-0.5612	0.5419	-0.21	-1.351	1.532	1.249		-0.9106	-1.98
1254	1	-0.05	0.2731	-0.4288	0.1406		0.000625		-0.7794	-0.4687
1255	1	-0.05125	0.3019	-0.2	-0.8006	-0.1581	-0.4606			-0.34
1256	1	-0.3813	0.8919	-0.32	-0.8706	0.1619	-0.2706			
1257	1	0.5288	0.3819	0.37	-0.6806	-0.2681	0.3494		-2.541	-0.34

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1258	1	-0.07125	-0.7681	-0.03	-0.8206		0.1394		-0.5606	-0.23
1259	1	0.1534	-0.1534	-0.3653	-0.3059		0.2941	-0.8653	0.1541	0.4847
1260	1	0.3688	1.542	-0.42	-1.041	-0.05812	-1.641		-1.571	
1261	1	0.3088	0.4219	0.22	-0.2606	1.952	0.6294	-0.32	-0.9406	2.34
1262	1	-1.019	1.444	-0.6875					-1.838	-0.9575
1263	1	-0.1612	1.192	-0.45	-2.011	2.172	-1.051			1.67
1264	1	-2.007	-1.254	-1.856	-2.417	-0.8541			-0.9566	-1.326
1265	1	-0.01656	0.01656	-1.275	-2.796	-1.033	-2.116	-2.265	-1.966	-1.265
1266	1	0.4988	-0.8581	-0.58	-1.251	0.3819	-0.1106	-3.71	-4.811	-1.23
1267	1	0.5837			-0.6256	0.8969	0.1344			-0.415
1268	1	-2.26E-09			-3.029	-0.3869				
1269	1	-0.01562	1.238	-0.2244	-1.625	-1.062	-1.165		-1.835	-0.3644
1270	1	0.38	-0.5869	0.1512	-0.6094	-0.03687	0.000625			
1271	1	-1.386	-1.963	-1.955	0.2844	1.517	1.514		-1.486	-0.195
1272	1	-0.8388	1.164	0.0725	-1.288	-0.3056	-1.728			-0.4575
1273	1	-0.7912	0.6919	-1.2	-1.341	-0.5181		-1.88	-0.3506	-0.41
1274	1		0.2869	-0.355	-0.03562	-0.5031	2.064		-0.4056	-0.445
1275	1	0.04687	1.14	-0.5619	-1.723	-2.79E-10	-2.163	0.1781	-0.7725	-0.1319
1276	1	-0.1763		-1.345	0.04437		2.174		-0.9656	0.015
1277	1	0.1138	0.8769	-0.585	0.08438	-0.2131		-0.565	-1.036	-0.955
1278	1	-0.2112	-0.1481	-0.45	-0.6206	0.4219	-0.3606	-0.53	-0.4706	-0.1
1279	1	-1.101	-1.538	0.57	-0.7406	-0.1181	-1.141	2.92	3.399	-0.14
1280	1	-0.08062	-0.3875		-0.87	-0.4175	-0.63	-0.3094	-0.04	0.04062
1281	1	-0.000625	1.173	-0.3794	2.56E-11				-1.29	2.091
1282	1	0.04437		-0.04438	0.585	-0.8225	-0.515		-0.875	0.08562
1283	1	-0.3512	0.2119	0.64	-0.4006	1.822	1.099	0.74	0.3494	
1284	1	0.1484	0.4716		0.6291	-0.1484				0.5997
1285	1	0.765	-0.5619	0.1562	0.8556	0.2181	1.396		1.466	0.6863
1286	1	0.6669	0.06	0.9381	0.4475	-2.79E-10	2.547	1.558	2.747	-1.612
1287	1	0.7912	-0.1656	0.0625	0.09187	0.3344	1.492	0.0925	-0.1581	1.042
1288	1	-0.09062	-0.4975	0.3806	0.35	0.1425	1.06	-0.2594	0.1	
1289	1	0.00875	0.8019	0.57	-0.000625	-0.1381	0.3794	0.97	0.2494	-1.08
1290	1	1.097	-0.34	-0.1019	0.2975	-2.79E-10	1.387	-0.2019	-0.1625	-0.07188
1291	1	0.01875	-0.08812	0.83	-0.000625	-0.6681	2.549		-0.7506	0.93
1292	1	0.5888	-0.1281	0.45	-0.4606	-1.668	-0.1006	-0.02	0.5094	0.05
1293	1	0.7769	0	0.5781		-1.25	-0.3225	1.628	0.9775	-0.07188
1294	1	0.5538	-0.4831	0.515	1.004	0.3969	1.054	0.835	0.7844	

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Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1295	1	1.319	0.2519	1.62	1.039	0.2819	1.969		0.3194	-0.68
1296	1	0.05	-0.4769	0.07125	0.000625	0.5531	-0.3794	0.1012	0.000625	0.4513
1297	1	-0.3488	0.1944	1.002	0.01187	-0.2256	1.472	0.7725	-0.7281	-0.1175
1298	1	-0.5488	0.2444	0.9525	0.08187	-0.7956	1.192	0.7525	-0.7281	-0.2575
1299	1	-0.5031	0	0.2981	0.4975	0.65	0.6575		-1.923	-1.012
1300	1	-0.3313	-0.5381	1.32	-0.1206	-0.3081	-0.9006	-0.2		
1301	1	-0.7988		-0.2775	0.1019	0.1544	1.022		-1.308	-1.668
1302	1	-0.4512	-0.02812	0.34	-1.061	1.442	2.209			-0.51
1303	1	-0.5012		0.91	0.2994	1.462	4.299	-1.69	-1.171	0
1304	1	1.197	0	-0.1719	0.2275	-0.82	-0.2125	-2.182	-0.9325	0.9581
1305	1	0.9234		1.995	1.554	-0.05344	0.05406		-2.356	-0.5553
1306	1	-0.3512	0.3719	0.22	0.1994	3.182	3.569		-2.541	2.56
1307	1	1.699	0.2719	1.21	0.7594	0.5019	1.009	-0.85	-1.471	-1
1308	1	1.373	-0.3941	0.3941	0.7534	0.4559	0.8034		-1.817	-1.306
1309	1	0.1369	0	0.4581	0.1875	-0.08				-0.09188
1310	1	-0.1312	-1.898	-2.91E-09	0.1494	1.672	2.389	-2.59	-0.1406	-0.91
1311	1	-1.401	-0.5081	0.8	1.119	-0.3781	0.7094		-3.231	2.1
1312	1	-1.95	-0.6369	0.3312	0.8506	-1.087	0.4906		-3.119	1.981
1313	1	-0.4262	-1.343	0.685	0.6244		0.1944		-1.966	2.865
1314	1	0.2912	0.1844	0.6425	0.07187	0.5544	0.4319		-4.008	-4.048
1315	1	0.6388	-0.5181	0.07	-0.1806	1.312	2.399	0	-0.1806	-2.83
1316	1	-0.38	0.4131		0.1806	0.4731	0.4206		-0.5394	
1317	1	3.419	4.192	6.21	5.259	2.962	4.239		-4.051	-1.71
1318	1	0.725	1.298	2.076	1.756	0.5981	1.896		-0.3944	-0.05375
1319	1	0.1812	1.304	-1.498		-3.036			-2.808	-1.348
1320	1	0.6688	0.5619	0.99	0.2394	-0.3381	1.249		-0.8806	0.02
1321	1	-0.2513	0.8819	1.39	2.289		-0.5706		-0.6306	0.61
1322	1	0.6	-0.1669	0.5112	0.4506	-0.9869	0.1406	0.1112	0.02062	-1.759
1323	1	0.4688	-0.1981	-0.44	-0.01062	-1.748	-0.7406	0.19	0.3594	-0.6
1324	1	0.3469	0	3.478	0.4275	2.65	1.137		-2.113	-2.912
1325	1	-0.45	-0.2769	0.8812	-1.679	2.073	4.231	1.251	0.000625	-2.079
1326	1	1.409	-0.2381	0.77	-0.000625	-0.6581	-0.2206		-2.961	-0.36
1327	1	0.3788	1.212	0.7	-0.000625	-0.2981	0.9994		-0.9306	
1328	1	0.9888	1.102	0.51	-1.571	-2.908	-2.171	0.48	0.4894	0
1329	1	0.4288	0.2119	-2.91E-09	-0.07062	-1.228	-2.891	-0.34	0.6094	0.68
1330	1	-0.04062	-0.1375	-0.8394	0.35	-0.4975	0.3	0.2506	-0.01	-0.1394
1331	1	-1.571	-1.048	-1.63	0.9894	2.392	2.279			-0.07

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1332	1	-1.536	1.247	0.015	-1.566	-0.2631	0.4244	-0.015	0.3944	0.655
1333	1	-2.971			-2.281	-2.648				1.65
1334	1	-1.492	-0.02906	-0.8309	0.4084	-0.4691			0.2784	0.6491
1335	1	-1.111	-1.308	-1.07	-0.4906	-0.3181	-0.1606	0.41	0.2194	0.04
1336	1	-1.101	-1.518	-1.17	-0.4606	-0.6481	-0.2506	0.47	0.05938	-0.03
1337	1	-1.311	-1.158	-1	0.07937	0.3419	0.5694	-0.76	-0.6106	0.03
1338	1	-0.9412	-0.8881	-1.18	-0.4606	0.8919		-0.14	-0.1806	0.19
1339	1	-0.6812		0.49	0.8694	0.8319	2.119		1.539	-0.3
1340	1	-1.625	0.1181	-1.054	-0.09438	-0.9119	2.086	-1.104	1.496	
1341	1	0.6288	0.06188	-2.91E-09	0.6994	-0.5081	0.7794		0.3594	-0.48
1342	1	0.07687	-0.17	0.3481	-0.5525	-2.79E-10	0.7775		-0.3025	-0.2519
1343	1	-0.3666	-1.253	-0.9253	0.4141	0.2566	-0.2559		3.034	0.3747
1344	1	-1.201	-0.6181	-0.59	0.3394	0.9019	0.4994			-1.76
1345	1	-0.5012	-0.3181	0.14	0.4394	0.4019				0.25
1346	1	1.554		1.806	0.495		0.485		-1.745	-1.794
1347	1	0.1488	1.452	-0.26	-1.201		-0.6406	-0.52	-1.111	1.44
1348	1	0.09781		-0.3909	-2.132	0.01094	0.2084		-0.9216	-0.01094
1349	1	-0.2512		-0.47	-0.5006	0.1319	-0.4206		-0.4806	0.7
1350	1	0.5988		0.75	0.9594		-0.9706		-0.9006	-0.76
1351	1	-0.9262	-1.853	-1.065	-0.5656	1.057	-0.8156	0.455	0.8944	-0.115
1352	1	-1.621	-1.588	-1.71	-0.7806	0.4219	0.1094	-0.34	-0.4106	0.39
1353	1	0.04562	0.4587	-0.6631	1.616	1.539	4.236	-2.653	-2.414	1.177
1354	1	-1.161	-0.9081	-0.64	0.3794	1.662	2.579	-0.88	-0.6506	
1355	1	-0.9012	-1.758	-1.14	0.2294	1.462	1.639	-1.06	-0.8506	0.36
1356	1	-1.141	-1.788	-1.05	0.1694	1.572	1.689	-1.12	-0.9606	0.41
1357	1	-0.7309	-0.007813	0.3803	1.02	1.642	3.6		-2.29	-2.41
1358	1	0.1387	1.262	-0.01	-0.9506		0.4694		-1.091	
1359	1	0.3028	0.04594	0.4541	-0.04656			0.2141	-0.3966	
1360	1	0.1112	0.1544	0.0225	0.6919	0.4744	-0.4081	-1.328	-1.208	-0.2575
1361	1	-2.26E-09	0.05313	0.01125	0.5406	0.3631	-0.4094	-1.419	-1.379	-0.3188
1362	1	0.4988	-0.7481	-2.91E-09	0.4694	0.6919	0.9694	0.61	-0.5306	0.8
1363	1	-0.07	-0.1869	-0.2988	0.7006	0.3531	1.161	-0.5888	0.000625	-1.119
1364	1	0.07687	-0.84	-0.3119	0.3875	-2.79E-10	1.277	-0.5719	0.0775	-1.222
1365	1	1.191	1.034	1.562	1.522	0.7444	2.092	-4.808	-0.6381	-4.278
1366	1	-0.6012		-0.08	-1.491		0.4694		-2.721	-0.81
1367	1	1.089		1.27	1.569		1.969		-3.681	-1
1368	1	-2.26E-09	0.4131	0.4312	-0.7394	-0.9869	-0.06938			-0.5288

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1369	1		1.512	-2.91E-09	-0.9606					-0.91
1370	1	0.4288	-0.008125	-2.91E-09	0.8294	-0.2781	0.2394		0.3794	0.35
1371	1	0.4794	0.0625	0.3106	0.03	-2.247	-0.03			0.4106
1372	1	1.411	0.5344	0.6525	0.02187	0.1744	-0.1981	-1.588	-0.5781	0.0425
1373	1	0.4828	-0.2641	0.8241	1.643	0.1659	1.923	0.3841	-1.347	-1.926
1374	1	1.029	0.08188	-2.91E-09	1.679	0.3119	1.709	-1.46	-0.5606	-1.62
1375	1	1.217	0	0.01812	2.247	0.51	2.197		-0.3825	-2.632
1376	1	0.2	0.1331	0.5212	0.8406		-0.6894	0.2412	0.000625	
1377	1			0.995	1.264	0.1969	0.04438	-1.345	-1.066	0.395
1378	1	-0.3588	-1.326	-0.1575	0.7519	0.6644	0.6919	-0.5975	-1.428	-1.988
1379	1	-0.1406	-1.687	0.1406	0.91	0.9125	1.24	-3.039	-1.54	
1380	1	1.283	-0.2241	1.184	1.123	-0.9941	2.493		-4.897	-4.216
1381	1	0.5912	0.8644	1.332	1.102	0.5644	0.9819	-2.788	-2.488	-1.298
1382	1	1.819	1.252	1.38	0.7394	0.1119	-1.081	-4.54	-6.221	-1.67
1383	1	1.459	0.7119	2.09	0.6694	0.08188	0.7694	-2.22	-2.541	0
1384	1	1.167	0	0.4081	1.727	0.71	2.817	-2.672	-1.753	-0.1519
1385	1	2.579	2.062	2.89	1.279	-0.4081	1.159			
1386	1	1.799	1.552	2.25	1.709	0.4719	1.389	-1.91	-6.141	-0.14
1387	1	0.3828	0.04594	0.5041	1.003	0.2159	1.803		-3.527	-2.066
1388	1	1.079			1.289	2.082	2.639			-2.12
1389	1	0.7878		1.529	2.228	-0.2291	0.6584			-1.191
1390	1	0.9488	1.232	0.94	1.039	1.852	1.499	0.05	-0.3106	-0.45
1391	1	1.859	0.7219	0.76	1.939	0.8319	0.5994		-1.501	-0.69
1392	1	4.159	3.202	3.96	3.489	2.342	2.369	-3.88	-3.301	-0.39
1393	1	1.209	0.5519	1.25	1.799	0.9219	0.2194	-0.36	1.079	-3.71
1394	1	0.5569	0	0.9081	0.2775	-0.8	0.4375	-0.1119	0.5075	-0.6319
1395	1	0.7344	0.7675	0.2356	0.195	-0.9125	0.645	0.08562	-0.085	-0.1944
1396	1	0.5488	0.5919	0.52	-0.000625	-0.8081	0.4994	0.07	0.08937	-0.19
1397	1	0.8088	0.7419	1.34	0.8994	1.132	1.909	-0.78	-0.2906	-0.77
1398	1	2.33	1.313	1.211	2.341	2.053	1.641	0.6812	0.000625	-0.8187
1399	1	0.09375	0.6069	1.485	-0.05563					
1400	1	0.6578	0.4109	0.5891	0.4484	0.1109	0.7584	-0.6909	-1.102	0.1591
1401	1	1.669	1.432	2.19	0.8994	-0.5981	1.019	0	-1.071	-0.04
1402	1	0.8588	0.9919	2.01	2.189	-0.03812	2.589	-0.69	-0.2606	-0.22
1403	1	0.09875	-0.7381	0.02	1.229	0.3619	1.879	-1.02	-0.5906	0
1404	1	0.4888	-0.1581	0.46	0.8494	0.9719	0.8894	-0.12	0.08938	-0.34
1405	1	0.5978	0.03094	0.6391	0.8884	1.041		-0.05094	-0.07156	-0.3209

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Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1406	1	2.019	1.312	1.78	2.519	2.142	2.099	-2.75	-2.751	-3.53
1407	1	1.419	0.9119	1.54	1.139	0.5219	1.339	-2.93	-2.051	-1.85
1408	1	1.827	1.09	1.478	1.487	-2.79E-10	1.197		-2.993	-1.672
1409	1	0.3387	-0.6081	0.11	1.449	2.232	0.4894	-4.6		
1410	1	0.2388	-0.6981	-2.91E-09	1.129	2.152	0.7094		-7.301	
1411	1	0.004375	-0.7025	-0.004375	1.345	2.358	0.995			-6.274
1412	1	0.5069	-0.08	0.9781	0.7375	-2.79E-10	1.587		-3.433	-2.102
1413	1	0.6888	0.9819	1.26	1.459	1.442	2.569	0	-0.1506	-1.11
1414	1	2.289	1.302	2.05	1.949	1.622	2.119	-1.48	-0.3006	-1.48
1415	1	2.609	1.932	2.62	3.249	2.812	3.769	-3.71	-3.881	-2.42
1416	1	2.229	2.562	2.26	2.499	1.502	2.319	-0.08	-1.201	0
1417	1	0.735	1.108	1.296	1.276	2.318	2.426			-0.6638
1418	1	2.989	2.642	3.63	3.259	2.212	3.509	-2.97	-1.971	0
1419	1	0.3669	0	1.128	0.8675	1.99	2.107	-2.732	-1.523	-1.612
1420	1	0.8888	-0.008125	0.86	-0.000625	0.1119	0.9194	-2.01	-3.041	0.01
1421	1	0.9387	0.3419	1.44	0.9194	0.5619	1.319	-0.38	-0.7006	-4.08
1422	1	0.7328	-0.01406	0.8541	0.4434	0.7759	1.433			-4.086
1423	1	0.3069	-0.02	1.388	0.8675	-2.79E-10	1.287	-1.792	-1.273	-2.412
1424	1	0.01938		-0.09938		0.1025	0.74		-1.92	-0.01938
1425	1	0.7278	-0.05906	0.4591	0.05844	0.1709	-0.08156	-4.311	-4.412	-4.311
1426	1	-0.055	-0.4619	0.5662	0.1556	-0.8519	0.05562			
1427	1	0.91	0.4831	1.161	0.3206	-0.2069	0.000625	-3.659	-3.539	-0.5987
1428	1	1.16	0.2531	1.331	0.2306	-0.06687	0.000625	-5.069	-5.529	-0.6087
1429	1	1.31	0.1631	1.421	0.4206	-0.1469	0.000625	-4.969	-5.109	-0.6687
1430	1	1.559	0.9519	1.56	2.069	1.752	2.429		-4.641	-2.24
1431	1	-2.26E-09	-0.1669	0.1812	1.111	0.7031	1.311	-1.659	-0.8794	-2.079
1432	1	0.6544	-0.0725	0.6556	1.205	0.5375	0.275	-0.2344	0.065	-4.664
1433	1	0.4688	-1.158	0.19	2.439	1.502	0.5094		-1.521	-1.67
1434	1	1.029		1.14	-0.07063	0.8819	-0.1206			0.14
1435	1	0.31	0.4731	0.4212	0.7806	0.003125	-0.7794	-1.019	0.000625	-0.9587
1436	1	1	-0.4069	0.4712	0.9806	1.923	1.251	0.2212	0.000625	-0.4587
1437	1	0.2488	0.2019	1.4	1.199	0.1319	1.769	-0.33	0.5594	-0.89
1438	1	-0.5322	-0.4591		0.7184	0.1009				1.079
1439	1	1.108	0.2009	0.8191	1.118	-0.1691		-0.7909	-1.132	0.4191
1440	1	1.323	0.1359	1.324	1.303	-0.02406	0.5134		0.4034	0.02406
1441	1	0.5178	0.4809	1.609	1.738	1.491	2.288			-1.391
1442	1	1.681	1.784	2.452	2.532	1.764	2.972	-3.348	-2.698	-0.8475

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1443	1	0.7778	0.03094	1.179	0.3484	-0.009062	1.088	-2.391	-3.232	-0.3909
1444	1	0.9637	0.6769	1.005	1.034	0.6369		-1.775	-3.596	-0.195
1445	1	0.09562	-0.4712	0.1369	0.8062	1.669	1.186	-2.913	-3.994	-2.683
1446	1	-0.1312	-0.1681	-2.91E-09	0.8994	1.792	0.8594			
1447	1	-1.267	-0.1241	-0.7759	0.1234	1.156	-0.5266		-3.237	-1.236
1448	1	-1.139	0.4644	-0.8875	-0.2581	1.154	-0.9581			-1.348
1449	1	0.3844	0.0175	0.3856	-0.855		-0.005	-3.064	-2.145	-1.644
1450	1	0.6088	-0.2181	0.31	-0.000625	-1.268	0.3994		-2.351	-2.25
1451	1	1.867	1.15	1.458	1.657	-2.79E-10	1.427		-5.063	-1.442
1452	1	2.099	0.9019	2.92	1.099	1.192	0.8694	-3.99	-2.651	0.55
1453	1	2.091	1.254	2.372	0.5119	1.054	1.562	-3.438	-3.388	-0.4575
1454	1	1.289	1.072	1.69	0.4294	0.9619	1.239	-1.95	-1.301	-0.13
1455	1	0.7937	0.06687	0.485	0.9344	1.027	0.5744		-0.8556	-0.385
1456	1	2.849	2.312	2.06	1.859	1.042	0.7594	-0.92	-1.101	0.52
1457	1	0.95	0.2331	0.8412	1.411	0.5331	0.000625	-0.6688	-0.8894	-0.05875
1458	1	0.4588	-0.5781	0.63	0.8794	-0.6781	0.3794	-1.33	-0.7106	0.16
1459	1	0.7837	0.08688	-0.025	-0.1356	-0.6831	0.7444	-1.495	-0.7656	1.675
1460	1	0.1344	-0.4425	0.2556	-0.005	0.0175	0.005	0.7556	0.615	
1461	1	1.159	0.1819	1.11	1.109	1.662	1.909	-0.82	-0.4506	-0.93
1462	1	1.809	1.542	2.25	1.719	0.8819	2.999		1.069	-4.42
1463	1	0.4288	-0.5381	0.03	0.01938	-0.2281	-0.1506	-0.02	-0.08062	
1464	1	-0.1612	-1.348	0.34	-0.2706	0.1319	0.09937		-1.861	-0.59
1465	1	-0.3212	1.082	-0.41	0.2994	-0.5881	0.6294		-2.321	0.43
1466	1	-1.441	0.6619	0.41	-0.5406		1.149		-4.701	1.34
1467	1	0.1037	1.227	0.765	-0.5656				-2.446	1.325
1468	1	0.6878	-0.1791	0.5091	1.048	3.871	2.958	3.249	1.208	-2.831
1469	1	1.019	1.122	1.53	0.4394	2.812	2.439		-1.111	-2.44
1470	1	-2.26E-09	0.003125	0.5812	2.371	2.913	3.231	0.9912	0.06062	-2.499
1471	1	0.03344	-0.03344	0.2447	1.024	-0.2834	0.9641	1.595	2.104	-1.195
1472	1	0.4384	0.01156	0.2597	0.5291	0.4716	0.7791		-0.01094	0.1897
1473	1	-0.003125	0	0.6981	0.3075		0.3075	-0.3319	0.2775	0.3981
1474	1	0.3487	-0.7381	0.33	0.2594	-1.488	0.1094	0.65	0.3194	-0.04
1475	1	0.01875	-0.6281	-0.51	0.1294	0.6319	0.03937	-0.36	0.9894	0
1476	1	0.4069	0	0.9881	0.5875	-1.82	0.4175	0.2881	-0.2425	-0.6719
1477	1	0.6988	-0.6981	-0.21	0.3794	-2.128	-1.011	1.39	0.5694	0.89
1478	1	0.39	0.5231	1.201	0.1506	0.6131	0.8306	-0.9588	0.000625	0.5412
1479	1	0.54	0.5331	1.421	0.2006	0.2431	1.131	-0.7688	0.000625	0.3813

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1480	1	0.98	0.4531	0.5812	0.6906	-0.3769	0.000625	0.8912	0.5406	-0.5087
1481	1	-0.2362	-1.073	-0.825	0.1444	-0.9831	-0.9356	1.075	0.4744	
1482	1	0.3788	-0.4281	-0.19	0.9694	-1.998	-2.371	0.41	0.4094	0.21
1483	1	1.279	-0.4981	-0.09	0.6394	-1.368	-1.441	3.05	2.679	0.31
1484	1	0.5888	-0.4281	0.37	0.9894	-0.2181	0.6194	0.72	0.9394	-0.25
1485	1	0.04844	-0.04844	-0.3403	-1.831	-1.848	-0.2909		4.289	1.56
1486	1	1.209	-0.2081			-0.008125				1.33
1487	1	1.019		0.5		-2.138		0.54	1.269	-0.26
1488	1	0.7188			0.5194	-0.7681	0.8394			-0.43
1489	1	0.06437	0.1775	-0.07438	0.085	0.5075	-0.165	0.5956	1.935	-1.484
1490	1	0.7088	-0.02812	0.7	1.019	0.2419	0.6994	1.59	1.759	0
1491	1	0.9869	0	0.8181	0.0075	0.39	-0.2325	0.1181	1.477	-0.9919
1492	1	0.8187	1.192	1.27	2.739	1.712	0.5494	-1.31		-0.62
1493	1	1.61	0.9331	1.351	0.5106	-1.897	0.3606	-0.8788	0.000625	0.7113
1494	1	1.458	-0.1291	0.1291	0.8684					
1495	1	2.319		0.07063		-0.1475	0.83		0.03	
1496	1	1.441	0.9644	1.562	0.8719	-0.01563	0.2819	0.9825	0.5919	-1.508
1497	1	1.521	0.7244	1.122	2.602	0.4744	-1.138			-1.748
1498	1	1.369	1.142	1.32	1.579	-0.008125	0.8494	0.88	1.709	0.78
1499	1	0.2988		0.12	1.949	0.7019	-0.2206	-1.43	-0.3906	0.66
1500	1	-2.26E-09	0.7031	-0.1188	1.751	2.223	2.041	0.1812	-2.049	-0.6488
1501	1	-0.5762	0.4569	1.945	1.274	2.407	1.924		-5.796	-4.065
1502	1	-1.561	-1.468	-2.91E-09	0.4994	3.072	1.329	0.22	-4.751	-2.99
1503	1	1.015	0.9481	1.006	2.306	1.508	1.206		-5.834	0.03625
1504	1	1.239	2.582	3.06	1.479	0.5319	2.159		-4.641	
1505	1	-0.4112		-0.76	-1.021	-1.038	-1.561	2.68	4.549	-1.61
1506	1	-0.6009	-0.4878	-1.69	-1.63		-1.71	2.15	4.23	-1.34
1507	1	-0.1212	-0.7581	-0.16	-0.9706	-1.098	0.8194	1.17	2.299	-1.02
1508	1	-0.6113	-0.5881	-0.61	-0.1206	-0.9381	0.01937	1.26	1.229	-0.44
1509	1	0.1256	-1.681		-0.1338	-1.841	0.4462			-1.293
1510	1	-0.2044	-0.3412	-0.4531	-0.4537	-0.6912	-0.02375		0.1462	0.6969
1511	1	-0.8112		0.09	-0.2406		-0.1906		2.119	-0.95
1512	1	-0.5412	-0.6781	-0.76	-0.4806	0.04188	0.4594	-0.61	0.7994	0
1513	1	-1.04	-0.5369	-0.8088			0.04062		0.000625	-0.7388
1514	1	-0.1112	-0.7181	-0.2	0.2594	-0.4181	-0.5506	-1.37	0.3194	0.46
1515	1	-0.93	-1.097	-1.139	0.2906	-0.09687	0.000625	0.7512	0.5006	-0.3987
1516	1	-2.26E-09		-0.6088	1.861	-1.047	1.031	1.911	1.611	-2.259

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1517	1	-1.011	0.1919	0.35	-0.9006	-0.7481	-0.7606	-0.5	-0.9106	0.4
1518	1	-1.271	-2.108		-1.741	-2.378	-1.551	1.11	1.009	0.99
1519	1	-0.08313	-1.12	-1.022	-0.0925	-2.79E-10	0.4375	0.2881	1.837	0.6881
1520	1	0.38	-2.807	-1.969	-1.089		-0.08937		0.09063	-0.4087
1521	1	-0.1456		-0.5544					-1.385	-0.6544
1522	1	-2.351	-0.9281	-0.14	-2.911		-2.511	-0.86		0.2
1523	1	0.3087	-0.5681	-0.12	-0.2306	-0.2081	0.4094			1.51
1524	1	-0.8612	-0.2881	-0.76	-0.9606	0.4019	-0.2906	-1.29	-1.071	-0.44
1525	1	-0.3712	1.932	-1.05	-0.9306	-0.5481	-0.2206		-0.4606	-0.35
1526	1	-0.6406		-0.7994	-1.11	-0.4075	-0.1	-0.8194	-0.7	
1527	1	-0.315	-0.2819	0.8962	0.1056	-0.6219	-0.4144	0.9262	0.8756	-0.1238
1528	1	-1.991	0.9819	-0.66						
1529	1	-0.2872	-0.7741	0.2641	-0.8266	-0.004062	-0.09656	0.6741	-0.6166	-1.016
1530	1	-0.4412	-1.018	-0.48	-0.4206	-0.8681		0.12	-0.6006	-0.12
1531	1	-0.4112	-0.1581	-0.61	-0.6406	0.2119	-0.5806	0.2	0.7194	-2.79
1532	1	-2.26E-09		0.4912	-1.619	-0.4569	-0.7694			-0.1888
1533	1	-0.3412	-0.4581	-0.05	-1.291	-1.238	-0.3506	0.97	1.109	0.73
1534	1	-0.5913	-0.9481	-0.15	-1.501	-0.8081	-0.7406	0.88	0.8094	0.15
1535	1	0.36	-0.2269	-0.02875	0.07063	-0.9369	-0.8294	0.05125	0.000625	0.5213
1536	1	0.4888	-0.6181	-0.48	-0.1606	-2.038	-1.101		1.229	0.45
1537	1	0.6488		-0.42	-0.1106		-0.5406		1.179	0.99
1538	1	-1.283		-0.6519	-1.943	-2.79E-10	-1.513	1.558	1.587	-0.1219
1539	1	-0.7412	-0.4781	-0.22	-1.111	-0.9481	-1.071	0.78	0.4994	
1540	1	-0.03	-0.5769	-0.06875	-0.3694	-0.4869	0.000625	0.4612	0.7306	-0.1187
1541	1	-2.26E-09		-0.1288	0.3506	-0.6169	0.2106	-1.359	-0.6394	-0.7588
1542	1	-0.1212		0.68	-0.08062	0.2719	0.4094	0.08	-0.6406	-0.13
1543	1	-1.431	-1.948	-0.96	-0.1506	0.2419	0.03938	-3.31	0.009375	-0.57
1544	1	-1.931	-1.228	-1.87	-0.3006	0.4619	-0.3806	-4.46	-0.5306	0.3
1545	1	-1.352	0.02094	-1.661	0.03844	0.5609	-0.06156		-0.1116	-0.1709
1546	1	0.5888	-0.4781	0.12	0.1794	-0.05812	-0.09062	0	-0.01062	0.21
1547	1	-2.26E-09	-0.8269	1.581	-0.6894	-1.927	-0.5494		-3.279	1.551
1548	1	0.6869	0	0.2181	1.217	0.46		-0.8319	-2.793	
1549	1	-0.5312	-1.208	-0.94	-0.9606	0.04188	-0.3406		-1.991	0.04
1550	1	-0.55	-1.427	-1.349	-0.7094	0.5831	0.000625	-0.3088	-0.1494	0.9913
1551	1	-0.25		-2.339		-1.037	0.000625			-1.709
1552	1	-0.125	-1.102	-1.244	-2.184	-0.2919		-0.5438	-0.2044	-0.1238
1553	1	-0.5312	-0.3581	-0.5	-0.2406	-1.388	0.4294	-0.15	0.5194	0.79

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1554	1	-0.1106		-0.6194	0.53	3.183	0.91		-3.1	
1555	1	0.125	-0.2419	0.3162	-0.1144	0.8781	0.7956	-0.7238	-0.9144	-0.3838
1556	1	0.15	-0.1469	0.3212	0.1006	-0.08687	0.5706	-0.4788	0.000625	0.7613
1557	1	0.2644		0.5556	-0.585	0.5275	0.375	-0.4044	-1.455	
1558	1	0.7488	-0.5981	-0.33	0.9794	1.352	-0.1206	-0.11	-0.3406	0
1559	1	0.6088	-0.4781	-0.3	0.8294	1.132	0.1594	-1.54	-0.1606	-0.12
1560	1	-0.09219	0.03094	-0.03094	1.228	1.261	0.8184		-2.662	0.5691
1561	1	-0.6312	1.142	-0.72	0.8594	1.082	-0.1906	-0.09	-1.511	0.55
1562	1	-0.3112	-1.178	-1.3	0.3494	-0.05812	0.2294	0	0.6294	0.63
1563	1	-2.26E-09	-1.517	-0.9788	0.2306	-0.9769	-0.09938	-0.06875	0.5106	0.1712
1564	1	0.1588	1.062	0.24	-1.141	-0.1981	2.749	-3.13	-2.431	1.82
1565	1	-0.4431	0	-0.2119	-1.303	0.46	2.657			1.718
1566	1	0.4488	1.452	0.74	-0.1006	-0.5281	3.389	-0.91	-1.111	2.34
1567	1	0.8734	-0.8734	-2.115	-1.476	1.647	2.784			1.585
1568	1	-1.661		-2.07	-1.691	0.6419	1.849			-3.34
1569	1	-0.6531	0.4	0.4081	0.0075	-2.79E-10	1.077	-5.112	-1.993	-0.05188
1570	1	-0.03875	0.9044	-0.1675	-0.7181				-0.2781	-0.3675
1571	1	-0.9612	-0.2481	-0.08	-0.5206	-0.3181	-0.5806	0.62	0.4994	-0.45
1572	1	-0.8006		-1.009	-0.08	-0.9075	-0.53		-0.05	
1573	1	-1.253	0	-0.4019		-0.62	-0.6525	2.008	2.697	-1.252
1574	1	-1.907	0.01594	-0.7959	-0.01656				2.473	
1575	1	-0.4812	-0.2881	-0.84	-1.661	-0.4781	-0.1806	1.7	2.109	-1.27
1576	1	-0.57	-1.417	-0.7688	-0.5994	-0.1169	0.000625	0.3412	0.3206	0.00125
1577	1	-0.5312	1.512	-1.08	-1.221	-1.718	-1.561		2.399	1.02
1578	1	-0.5312		-0.62	-0.4606		-2.221	0.37	1.089	0.43
1579	1	-1.221		-1.26		-0.4181				
1580	1	-0.59	0.9931	-0.5788	0.06063	-0.9769	0.000625		-0.5894	-1.369
1581	1	-0.6012		-0.24	-1.211					0
1582	1	-0.4372	-0.2841	0.3641	-0.2766	-0.2741	-1.287		-2.797	-3.206
1583	1	-0.1331	0	-0.01188	-0.5625	-0.07	-0.1725		-2.433	0.9381
1584	1	-2.26E-09	-0.7369			0.2431	-0.1094			
1585	1	-0.005625	-0.6825	-0.3644	0.005	0.6175	0.375	-0.6744	-0.365	-1.454
1586	1	-0.2412	-1.278	-0.33	-0.1806	-0.8481	0.4694	-1.13	-0.6906	-1.13
1587	1	-0.7406	-0.6775	-0.4894	-0.63	-0.3675	0.27		-1.22	-1.259
1588	1	-1.276	-1.983	-2.024	-0.745	0.5175	0.265	-1.284	-0.535	
1589	1	-0.04438		-0.9331	-1.554	-0.4312	-1.414	-0.6131	-1.084	-0.08313
1590	1	-0.3912	-0.5581	-1.01	-1.801	-1.558	-2.401	-0.45	-1.331	0.05

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1591	1	-2.26E-09	-0.3269	-1.159	-1.949	-0.7069	-1.549	-1.599	-1.059	3.891
1592	1	-2.26E-09	-1.007	0.9212	0.4106	3.283	2.631	-0.4088	-0.9394	-0.4988
1593	1	-0.7044		0.1469	-1.124	0.4488	0.08625	-1.143	-0.9538	-1.423
1594	1	-1.103	0	-0.5719	-1.513	-0.33	0.1675	-0.08188	0.0775	1.068
1595	1	-0.54	-0.8069	-0.07875	0.3106	0.9631	0.000625	-2.319	0.9406	-0.7287
1596	1	-0.3556	-0.8625	0.09562	0.615	0.6975	-0.095		1.335	-0.1844
1597	1	-0.29	-0.4569	0.1612	0.7706	1.133	0.000625	-1.119	1.561	-0.1587
1598	1	-0.5112	-0.7681	-0.1	-0.000625	0.7819	0.1394	0.14	1.519	-0.17
1599	1	-0.08	-0.6869		-0.7994	-1.207	0.08062			-0.7088
1600	1	-0.3412	0.9019	0.01	-1.271	-0.8681	0.4894		-0.2106	
1601	1	-0.07875	-0.7556	-0.2475	-0.2081	0.6444	0.4219	-0.6275	-0.5081	-0.1975
1602	1	0.06438		-0.4644	-0.355	0.3275				
1603	1	0.4028	0.1459		-0.1466	0.7159	-0.8566			-1.256
1604	1	0.4188	-0.6581	0.28	-0.3706	-1.038	0.06938	-0.72	-0.1706	-0.15
1605	1	0.05875	-0.2681	-0.24	-0.2806	1.042	2.479		-1.581	-0.66
1606	1	0.1294	-0.5875	0.4606	1.75	-0.4075	1.06			-2.359
1607	1	-0.3912	-1.118	0.05	1.229	0.4719	0.3194	-3.17	-1.611	0
1608	1	-0.36	-0.8969	-0.4488	0.7006	-0.7469	0.000625	0.3612	0.1206	-0.07875
1609	1	-0.1156	0.5775	-1.204	-0.805	-2.042	-1.465	3.866	-0.495	-0.9344
1610	1	-0.1412	-0.3581	-2.91E-09	-0.5706	0.7019	-0.2306			
1611	1	-1.893	0	-2.702		-1.11			-1.773	-2.892
1612	1	-0.04125	-1.328	-0.68	0.03938	-0.01812	-0.3906	0.93	1.069	0
1613	1	-0.7862	0.8369	0.125	-0.1256		-0.4756		-1.986	-0.345
1614	1	0.009375		-0.8194	-1.34		-1.62		-3.13	
1615	1	-2.26E-09	-0.01687	0.7412	-1.199	-0.4169	-0.7394	0.2112	-1.409	-0.7888
1616	1	0.4388	-1.428	-0.81	-0.000625	-1.448	-1.411	0.96	1.019	-1.81
1617	1	-2.26E-09	-1.157	-0.5888	0.4706	-1.227	-1.319	1.291	1.921	-1.189
1618	1	-0.9912	-1.648	-1.11	0.2394		-2.781	1.67	2.309	-2.93
1619	1	1.108	0.1809	-0.5009	-1.562	-0.7291	-0.9316	4.649	3.818	-1.021
1620	1	1.809	0.9219	-2.91E-09	-1.871	-0.6081	-0.8406	5.31	4.369	-2.12
1621	1	-0.6812	-1.178	-0.49	0.1294	0.9619	1.209	3.15	3.119	-1.38
1622	1	-0.1912	-0.5681	-0.1	0.7494	2.042	1.569	3.29	3.349	-1.32
1623	1	0.4088	-0.5281	0.03	-0.5006	-1.468	-1.611	2.8	0.9194	-1.97
1624	1	0.2356	1.489	1.467	-0.3638				-1.104	-0.9931
1625	1	-0.4412	0.3619	1.55	-0.4506		-0.01063		-1.661	-2.63
1626	1	-0.09		1.791	0.4306	-0.3569	0.09062			-2.519
1627	1	-2.26E-09	-0.8069	-0.5988	-1.929	-1.327	-3.589	0.4812	1.261	-1.179

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1628	1	-0.4212		-0.21	-0.9506	-0.9081	-0.2406	-0.84	-1.131	-0.03
1629	1	-0.3462	-0.4431	-0.185	-0.8256	-1.703	-0.4856	-0.735	-0.9356	0.215
1630	1	0.8838		1.415	-1.356	-0.1531			-1.836	
1631	1	0.3887	0.7019	-0.09	1.169	0.05187	-0.2206			1.25
1632	1	-1.327	0.2459	-1.056	-1.637	1.566	1.133	-0.7859	-1.697	
1633	1	-0.6712	-1.808	-1.19	0.01938	0.2819	0.05938	0.83	0.5694	-1.63
1634	1	0.5188	0.05188	0.49	-0.000625		-3.271		-1.621	-2.62
1635	1	-0.05125	-0.8981	-2.91E-09		1.142		-0.24	-0.07063	
1636	1	-0.1712	-0.2081	-0.16	0.009375	-0.3981	0.2694		-0.000625	0.06
1637	1	0.07875	0.1419	-0.01	-0.2306	-1.168	-1.751		-1.681	-0.58
1638	1	-0.09125		-0.22	-1.461		0.01937			-0.37
1639	1	-0.2412	0.2219	-2.91E-09	0.08938	1.642				-0.92
1640	1	0.08	-0.7269	-0.1688	0.4706	0.3331	0.5906	-0.4488	0.000625	-0.6487
1641	1	1.231		0.6125	-0.4581	-0.7856	-0.6781		-0.4081	0.6625
1642	1	0.1288		1.07		-0.9981	-0.4206	-0.4	-1.191	-0.63
1643	1	-2.26E-09	-0.1169	1.441	-0.7194	1.063	2.441		-2.859	-1.689
1644	1	-0.5712	0.3019	1.04	-0.3306	-0.01812	0.4194	-1.86	-1.841	0.32
1645	1	-2.26E-09	0.9831	2.091	0.3106	0.01313	1.491	-2.419	-3.019	-1.329
1646	1	-0.6431	0	1.058		0.91	0.7075	-1.162	-0.8325	0.3681
1647	1	-0.2213	-0.5481	1.1	-0.5806	0.9719	0.3094	-1.91	-1.591	1.64
1648	1	-0.1756		0.1456	-0.285	0.1575	0.105	0.3456	-0.275	-0.1044
1649	1	-0.32	-0.5469	0.8712	-0.1694					
1650	1	1.243	-0.01406	0.04406	0.7534	-0.4241	-0.01656		-0.4666	0.3841
1651	1	0.02875			-0.000625	0.1619	-0.3506		-0.9906	
1652	1	-0.2612	-1.388	0.27	-0.5406	0.5419	0.5194		-0.2606	1.63E-11
1653	1	0.7512	-0.02563	0.8025	0.09187	-1.386	-2.278		-0.07813	-2.028
1654	1	0.1928	-0.02406	0.8241	0.1434	-1.294	-1.137	-2.326	-1.827	-0.8659
1655	1	-0.32		0.1112	-0.7694	-0.6269	-0.7294		0.000625	0.5412
1656	1	0.16	-0.4169	0.3412	-0.009375	0.1431	0.000625	-0.1288	0.000625	-0.7287
1657	1	0.05438	0.7975	0.2456	0.265	-0.1225				
1658	1	-0.1512	0.3719	0.8	-0.1606	0.3319	0.9694	0	-0.3306	-0.6
1659	1	-0.145	-0.4119	-0.3038	0.04563	0.5781	-0.2144		-0.4344	-0.4638
1660	1	-0.5113	-1.158	-0.82	0.2094	0.1419	-0.4206	-0.41	0.02937	0.32
1661	1	-0.5906	1.203	-0.8694	-0.42	-0.0475	0.04		-0.38	-1.259
1662	1	-0.3012	-1.048	-0.82	0.06938	-1.128	-0.2106	-0.83	0.7894	-0.32
1663	1	0.3769	-0.34	0.1081	0.3875	-2.79E-10	0.6675	0.2681	2.217	
1664	1	0.1612	0.2344	0.0825	1.032	-0.3756	0.8619	-1.958	-1.168	1.042

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1665	1	-0.4462	0.1869	0.135	-0.9456	-0.8031	-0.8456	-0.295	-1.016	0.125
1666	1	-0.07719	0.2359	-0.08594	-0.02656	0.02594			-0.9866	0.7641
1667	1	-0.8112			0.1194	0.1419	-0.2006		-0.9606	
1668	1	0.1	-0.1669	-0.5588	0.1306	-0.6069	0.3706	0.6312	0.000625	-1.679
1669	1	-0.07062	-0.6175	-1.159	-0.59	-0.7875	-0.27	0.07062	0.27	0.3906
1670	1	-0.6906	1.013	-0.2094	-1.07		-1.61		0.03	-0.1294
1671	1	1.749	1.202	2.32	1.599	-0.3781	1.179	-2.16	-2.421	-0.52
1672	1	0.2987	-0.2681	0.33	0.8394	0.09187	0.9194	-1.09	-3.381	-1.06
1673	1	-2.26E-09	0.2131	0.4712	1.191	1.273	1.581	-1.379	-4.959	-1.379
1674	1	-0.37	1.433	-0.5888	-1.289	0.3531	0.000625		-1.619	0.4413
1675	1	1.179	1.062	1.21	0.6994	0.6119	1.449	0.72	-0.8206	-0.89
1676	1	1.11	0.7831	0.8712	0.7206	0.1331	0.6506		-1.279	-0.4288
1677	1	-0.2512	-0.9881	-0.24	0.5794			0.14	0.9794	-0.23
1678	1	0.6188	-0.3181	0.01	-0.000625	0.5119	0.4594	-0.07	-0.8906	-0.6
1679	1	1.747	0.6	1.658	1.677	-2.79E-10	1.667	1.008	1.257	-1.942
1680	1	0.6712	0.7544	0.8125	0.7619	0.2744			2.022	0.6725
1681	1	0.2712	-0.6756	0.2825	0.1419	-0.4256	0.01187	0.0225	0.4019	-0.5175
1682	1	0.6988	-0.3281	0.5	0.5094	0.1419	0.5994	-0.78	-0.3806	-1.45
1683	1	-0.4131	-1.15	0.05812	-0.2325	-2.79E-10	0.4275	0.1081	0.2075	-1.792
1684	1	0.4069	0.03	0.5181	-0.3125	-2.79E-10	0.4775	-1.062	-0.0525	0.3881
1685	1	0.3088	-0.5081	0.94	-0.000625	0.6519	1.839	0.2	0.9594	-1.49
1686	1	0.6188	-0.4881	1.15	0.1794	1.202	1.999	0	0.7594	-1.81
1687	1	0.6387		0.41	0.4694	-0.3181	0.07937	0.18	0.2794	
1688	1	0.6788	0.2219	1	-0.3306	-0.3181	0.4194	-0.46	0.1094	-1.52
1689	1	0.6987	0.2519	1.27	0.05937	-1.458	0.1594	-1.17	-1.211	0.61
1690	1	0.5878	0.4809	-0.2209	0.2684	-0.1591	-0.5116			
1691	1	-0.7912	-1.628	-2.91E-09	0.3794	0.2419	0.1194	-1.16	-0.3706	-2.54
1692	1	0.5788	-0.6481	-2.91E-09	-0.3606	1.012	0.3394	-1.6	-0.4806	-0.8
1693	1	0.1744	-0.7025	-0.1744	-0.525	0.6475	0.275	-1.874	-0.445	-0.7444
1694	1	-0.2412	-1.118	-0.49	0.3194	0.3819	-0.09062	0	0.1494	-0.05
1695	1	0.14	-1.487	-0.7388	-0.1294	0.07313	0.000625	-0.7288	0.09062	-0.00875
1696	1	-0.5612		-0.4	-0.3306	0.3219	0.6594		0.02938	0.31
1697	1	0.1412	0.2744	0.2225	-0.9381	0.6944	0.4019	-1.908	-2.308	-1.428
1698	1	0.1888	0.02188	1.22	-0.2406	1.182	2.559	-0.3	-0.3806	
1699	1	-0.8262	-1.143	0.915	0.9244	1.217	1.144	0.085	0.6744	-1.025
1700	1	-0.6612	-0.6081	-0.47	-1.101	-0.03812	0.06937	-0.45	0.5994	0.78
1701	1	0.18	-0.3969	-0.02875	-1.109	-0.8669	-0.2894	-0.1688	-0.8994	0.1212

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1702	1	-1.036	0.8169		-1.666		-1.176			-2.225
1703	1	-0.3113	0.02187	-0.99	1.879		1.449		-0.8806	0.73
1704	1	-0.5712		-0.1		-0.2781			-2.051	-1.95
1705	1	-0.2012	0.1919	-2.91E-09	-0.8006	0.8719	0.2894	-0.82	-0.3806	
1706	1	-0.1916	-1.198	-0.2403	0.1391	0.04156	1.719		-0.04094	-1.55
1707	1	-0.00125	0.05187	-0.47	-0.1206	0.9519	2.549	-0.37	-0.2006	-1.49
1708	1	-0.2912	0.7919	-2.91E-09	-2.141	-1.738	2.379	-2.63	-2.511	-1.49
1709	1	-2.26E-09	0.08313	0.5712	-0.02938	-0.3669		-0.4988	0.1106	
1710	1	-0.1512	-0.8381	-0.45	0.08938	1.082	-0.1406	0	0.3294	-0.45
1711	1	-0.2406	0.5025		-0.39		0.46	0.5106	-0.14	-0.3594
1712	1	-0.39	-0.2969	-0.2788	-0.2694	-0.6269	-0.2094	-0.3688	0.000625	0.2213
1713	1	0.1978		0.3891	0.06844	-0.06906	0.1884		-1.012	-0.8009
1714	1	0.2788	-0.2981	0.24	-0.000625	-0.5481	0.1094		-0.5106	
1715	1	0.3988	-0.5281	0.39	0.6894	0.03188	0.8894	-1.71	-0.3006	-0.06
1716	1	0.7288	-0.3081	0.61	0.4094	-0.7781	0.6194	-2.54	-0.4206	-0.06
1717	1	0.1888	0.2319	0.8	-0.000625	-0.6081	0.05937	-1.38	-1.461	-1.09
1718	1	-0.4612	-0.4181	-0.53	-0.09062	-0.6881	-0.2506		0.2894	0.08
1719	1	-0.2413	-0.2481	-0.54	-0.3006	-1.088	-0.3606	-0.17	0.1294	0.32
1720	1	-0.8012	-1.568	-1.07	0.08938	-0.2081	-0.4906		0.1094	0
1721	1	0.2512	0.4144	0.5225	0.2219	0.6744	0.2119		-1.838	-0.9375
1722	1	-0.3712		-0.11	-0.8306	-0.6481	0.5094			0
1723	1	0.8688	-0.09812	-2.91E-09	0.3194	0.1819	-0.7306	-0.25	-0.7106	0.02
1724	1	1.337	-0.62	-0.7119	1.067	-2.79E-10	0.8675	-0.8819	-0.9125	-1.072
1725	1	0.7069	0	0.2381	0.6175	0.56	0.8675	-0.7419	-0.3825	-0.08188
1726	1	1.479	-0.1981	0.24	1.369	1.522	1.079	0.29	0.4694	1.47
1727	1	0.2888	-0.9281	-2.91E-09	1.039	1.612	1.319	0.31	0.4794	-1.36
1728	1	0.1428	-0.2741	-0.06594	-0.8466	-0.05406	-0.5766		0.07344	0.05406
1729	1	-0.5188	-1.026	-0.1875	0.2719	1.094	0.4819	-0.5875	-0.1381	-1.108
1730	1	0.1588		-1.15	0.4294	-0.8581	-0.09063	0.81	0.8394	-0.85
1731	1	-0.2512		0.49	-0.4806	0.7619	-0.1906		-0.2706	1.83
1732	1	0.9988	-0.1881	-2.91E-09	-0.2206			0.88	0.3794	-0.43
1733	1	0.7191	0.1122	0.5403	1.04	0.6722	1.45	-0.9597	-0.6603	-0.6097
1734	1	0.8178	-0.1391	-0.2309	0.1384	-1.339	-2.832	1.329	1.538	0.3591
1735	1	0.52	-0.3669	-0.8788	1.261	-0.5369	-0.5094	0.8512	1.071	2.621
1736	1	-1.37	-1.857	-1.019	-0.6194	-0.2069	0.4406		0.3806	-0.6687
1737	1	-0.08875	-0.3356	-0.4675	-1.018	-0.5656	-0.9281	3.262	1.662	0.0225
1738	1	-1.526	-1.363	-2.285	-0.07562	-0.9831	-2.966		1.344	1.055

Table 2

	GWEIGHT	HMEC-C	HMEC+INFA	HMEC-C_CONFL2	184AA	184A1-LATE	184B5	HMVEC	HUVEC	MDA-MB-321
		ARRY2X	ARRY4X	ARRY3X	ARRY5X	ARRY1X	ARRY0X	ARRY7X	ARRY6X	ARRY11X
1739	1	0.1688	-1.258	-0.43	-0.8106		-1.821	3.38	2.389	0
1740	1	-0.005625		-0.6844	-0.855	0.0275	-2.065	1.696	2.285	-0.4544
1741	1	-0.1256	-0.8425	-0.6844	-1.705	0.5375	-2.325	1.536	2.545	1.966
1742	1	-0.2313	-1.218	-0.78	-0.6006	-2.528	-1.221	2.17	2.799	0.38
1743	1	0.00875	-1.268	-0.93	-1.331	-2.198	-1.141	0.76	2.059	2.47
1744	1	-2.719	-2.416	-1.558	-3.448	-2.766	-3.988	0.5425	0.8419	0.3825
1745	1	-0.2388	-0.2956	-0.6775	-0.2681	-1.256	-2.338		0.8119	0.9525
1746	1	-1.66	-1.857	-1.219	-1.279	1.703	-0.9794	1.341	0.9806	1.671
1747	1	0.2738	0.1769	-0.035		-1.293	-5.716	0.725	0.8444	-2.965
1748	1	0.2578	0.01094	0.1091	-0.01156	1.131	-0.3716			0.7891
1749	1	-0.1812	0.4419	0.04	0.1794	-0.9381	0.03937	-0.75	-0.6706	0.26
1750	1	-0.1172	0.2959		-0.1866	-0.04406	-1.767			-1.126
1751	1	-2.26E-09	-1.097	-0.8288	-0.02938	-0.2769	-0.5894	-0.1388	0.1506	0.1112
1752	1	-2.446		-2.025						2.435
1753	1	1.251	1.044	0.9619	1.541	-1.106	-0.09875		-0.4388	1.842

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
1	1	1	1	1	1	1	1	1	1
1.675	-0.865	0.915			-4.347	0.735	-3.365	0.735	
1.646	0.2056	0.4156	-3.134	0.6544	-4.497	1.066	1.486	0.03563	-0.7744
1.361	-0.4894		-1.779	0.3694	0.9081	-0.5794	-0.1994	0.1206	-1.239
1.671	0.3112		-2.319	-1.62	1.629			0.6513	
0.2725	-0.0675	1.132	-0.5775	0.00125		0.1525	0.1025	-0.2475	
0.97	0.1	-1.65E-08	0.53	0.7287	1.348	-0.07	-0.15	0	-2.61
1.29	-0.2	0.17	0.57	0.8487	1.448	-0.35	-0.16	0	-2.31
0.55	-0.16	0.49	0.47	0.1488	0.9275	-0.65	-0.54	-0.28	-1.71
0.565	-0.795	-0.405	-0.075	0.6338	0.6425	0.445	-1.495	0.095	0.265
0.39	-1.47E-09	1.56	0	-1.651		-0.87	-0.04	-0.01	-1.93
-0.7244	-0.2544	0.4456	0.5656	-0.9256	-1.067		-1.674	-0.8844	-1.084
0.88	0.58	1.96		-1.191	-2.242		-0.47	-0.58	-0.32
0	-0.1	0.59	-1.09	-1.451	-1.412	1.09	-0.34	0.08	-1.55
1.392	-0.3775	0.4325	0.0725	-1.829	0	1.622	2.082	-0.4875	-0.7375
0.7763	-0.09375	0.2962	-0.8438	0.095				-1.674	
1.201	-0.2488	0.4512	-1.799	0.05		0.3912	0.1913	-0.04875	-0.09875
0.4841	-0.01594	1.504	1.474	-0.8272	-0.6584	-0.7459	-0.1959	-0.3859	-0.1259
4.174	3.824	2.804	-0.2859	-4.087		-0.01594	-0.3759	1.614	1.304
5.61	3.12	1.25	0.89	-0.7512	-0.5125	0.13	0.4	0.59	-0.13
3.74	5.4	-0.11	1.1	-0.7613	0.1175	4.05	0	0.12	-0.72
4.501	6.461	0.1306	0.3206	-1.291	-2.632	1.741		-0.7994	0.7006
2.51	3.9	0.22	-0.02	-0.7512	-1.172	0.86	0.42	1.82	0.72
-0.94	0.18	0.43	-0.08	-2.041	2.318	0	-2.41	-0.01	0.38
1.16	1.19	0.84	-1.73	-0.8413	2.108	1.83	-1.53	0	-1.29
1.135	1.225	0.415	-2.805		2.412	1.575		-0.415	
0.8512	-0.7388	0.8012	-2.269	-0.47		-1.129	-1.149	-1.469	-2.749
1.754	-0.2959	1.024	-0.8259		-1.978	-0.5959	-0.4659	1.364	0.2741
1.945	1.435	2.805	-0.025	4.034	0.8425	-2.845	-0.575	0.025	
0.81	0.11	0.27	0.1	0.7088	0.1375	-1.51	-1.16	-0.93	-0.16
5.23	0.53	1.25	-1.07	0.8288	-2.052	-1.19	0.34	-0.32	-1.15
5.725	0.8447	2.275	-1.485	-0.2866	-2.048	-2.025	0.1447	-0.07531	-0.1053
2.48	-0.15	-0.14				-1.46	1.04	-0.02	0.02
4.145	1.285		0.075		-0.9675	-2.045	-1.725	-0.075	
3.17	0.84	0	0.52	-0.9212	-0.7525		0.49	0.78	-0.02
0.33	-1.14	0.57	-1.04	-1.621	-2.022	0.24	0	-1.05	-1.4
0.7141	-0.2559	-0.03594	-2.096	-1.837	-0.4784	0.1641	-0.2459	-0.4959	0.05406

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.71	0.44	0	-2.19	0.9288	-0.2625		-1.05	-0.46	0.31
3.282	-1.008	0.9625	0.9125	4.421	0	-0.5575		0.7425	-0.0375
3.05	0	0.7	0.9	4.189	0.2575	-0.42	-0.59	0.56	-0.32
-0.225	1.625	1.745	-1.135			-2.755	0.335	0.225	-2.495
0	1.37	1.61	-2.44	3.049	0.0575	-2.56	0.81	0.73	-0.15
0.89	2.68	2.36	-1.06	3.179	-0.4825	-0.92	1.45	1.27	5.37E-10
2.51	0.6	2.31	0.13	2.879	-0.3025	-1.24	1.29	0.17	
1.364	1.064	2.244	3.694	2.103	-1.448		-0.05594	-0.5859	-0.1359
0.9725	0.1725	2.032	-1.778	-0.06875	0	-2.598	-1.068	-0.9475	-1.168
0.3456	1.186	1.136	-0.8144		-1.457	-1.504	-0.8144	-0.9744	-0.9744
3.331	3.771	2.051	-1.609	-0.1306		-2.529	2.211	0.1206	-1.909
1.506	0.8756	2.786	-2.614	-1.826	0.8831	-0.2344	-0.4144	0.7556	-1.954
0.1412	1.111	2.901		-1.4			-0.08875	-0.9187	
0	-0.37	2.61	-1.43		0.4675	1.28	0.94	0.85	-1.1
1.031	-1.219		-1.269	-0.19		-1.919	-0.6787	-1.319	-0.5888
-0.17	0	0.25	-0.85	1.529	1.148	-0.17	-0.75	-0.63	
0.1491	0.2691	1.049	-1.151	1.728	-2.513	-1.491	-0.6009	-0.03094	-1.951
0.3606	-1.089	-0.1594	-0.4194	-0.2206		1.361	1.411	-0.1494	-0.4994
-0.4875	-0.4275	0.0025	-0.0575	-0.8388	0	-0.9975	-0.9075	0.4125	0.4325
-0.5675	-0.4875	0.9325	0.1825		0	-0.2175	1.012	-0.0775	0.2325
-0.485	0.035	0.745	-0.545	3.154	3.233	-1.485	-0.405	-0.345	-0.035
-1.458	-0.8275	-0.0475	4.652	2.231	0			-1.008	
0	-1.88	0.37	5.5	5.089	3.188		-0.42	0.46	-1.03
0.02906	-0.4809	0.3691	4.169	0.5578	0.1566	-0.9809	0.4691	-0.1809	0.2091
1.255	1.865	4.145	-0.025	-0.08625			0.805	-0.655	-2.105
0.97	0.74	0.5	-0.16	-0.6112	-1.762	-1.15	-0.73	0.07	-1.58
1.101	0.08125	2.291	-0.9888	-1.91			0.3413	-0.7187	-0.2288
1.541	0.4112	1.251	-0.6588	-0.32	-1.961	-1.929			-0.7388
0.75	0	0.36	-0.68					-0.77	0.43
	-0.13	1.02	-0.42		1.688	0	-0.5	0.05	
0	1.42		-0.83	2.999				-0.6	
-0.495	0.335	0.635	-0.025	0.1738	0.0825	0.595	-0.195	-0.175	
0.44	0.23	0.92	0.39	-0.1612	-0.2425	1.17	-0.09	-0.34	-0.76
-8.20E-09	-0.34	-0.06	-0.69		-1.542	-1.39	0	-0.73	0.34
1.9	0.07	0.84	-1.71		-0.3525	-0.98	-0.45	-0.5	0.82
2.23	-0.08	2.19	-1.27	1.299		-0.73	4.02E-09	-0.54	-1.57
1.53	3.02	1.78	-0.23	-0.8813			0	-0.57	0.18

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
2.12	2.92	2.87		-1.871		0.02	0	-0.04	0.31
-0.2788	0.4112	0.8712	4.161	0.2	-2.531	-0.4288	-1.199	-1.599	-0.1688
-0.7531	0.7369	0.4669	4.327	0.1256	-2.776	-0.5731	-2.123	-3.003	-2.153
-0.6	1.17	2.24	0.07			0	-1.88	-1.69	-1.94
1.79	-0.75	0.04	-0.69		-1.522	-1.42	-0.96	0.26	-1.3
4.242	-0.7075	-0.0175	-0.1975	0.00125	-4.34	-1.198	-1.947	-2.827	-3.858
3.58	0.16		-0.16	-0.7012	-1.362	-2.6	-3.39	-2.27	-0.88
2.869	-0.7209	1.059	-0.8109	1.818	-1.513	-1.311	-2.121	-1.081	-1.351
5.128	0.1481	4.838	0.2981	-0.8231	0.5356	-0.7219	0.9781	0.5181	-0.3619
5.171	0.3106	4.611	-0.1794	-0.7606	-1.002	-0.8794	0.8706	0.4306	0.3306
0.7	0.78	2.89	-0.19		1.538	-1	0.66	-0.05	-0.14
0.005	3.775	3.775	-0.205	0.7838	-1.147	-0.275	0.875	-0.005	
0	4.65	4.65	-0.69	0.2388	-0.4225			-0.33	-0.77
-2.03	2.88		-1.65	-1.451	-2.452	-0.66	-1.06	1.14	-0.33
3.491	3.651	2.631	0.2812				-0.5487	-0.4287	
2.971	3.131	4.001	-0.2394	-0.8006	-2.882		0.03063	-1.199	-0.3994
1.869	1.339	3.389	-1.771			-3.351	-0.2709	-2.281	
-0.01875	0.6712	1.451	-2.029	-1.83	-2.171	-2.659	-1.099	-1.309	-0.3587
-0.8487	0.1012	1.831	-3.999	-1.6	-1.841	-3.119	-1.759	-1.949	-1.529
-0.9759	0.01406	0.8941	0.9841	-2.937	-0.7784	-2.576	-1.546	-2.506	-1.536
-1	0.52	0		-4.821		-4.04		-1.72	
0.4481	1.008	1.668	-1.792	-1.113	-0.6644	-1.852	-0.9319	-1.842	-1.592
0.96	1.03	2.74	-2.09	0.2788	-1.872	-3.21	-0.85	-1.36	-1.97
1.14	1.1	2.57	-1.14	0.5388	-2.332	-3.26	-1.16	-1.82	-1.94
2.224	2.834	3.614	-0.8159	-2.467	-2.548	-2.786	-0.07594	-2.036	
2.499	1.909	4.029	-3.801	-1.602	-0.6634	-4.921	-0.4509	-2.851	
3.01	2.15	3.78		-1.111	-0.7325		0	-1.1	-1.91
2.68	2.5	3.94	-2.68	-1.901	-1.442		0.05	-1.93	-2.76
-0.2809	4.159	4.719	-2.561		-1.383	-0.2609	0.9291	-1.611	-0.9009
-0.7319	2.488	3.078	-1.752	-1.183		-0.5919	0.4681	-1.282	
0.495	1.995	4.385	0.675	-0.8262	-1.847	-2.145	0.125	-1.485	
0.23	1.41	3.71	-1.76	0.4788	-2.322	-2.56	0.15	-2.49	-1.26
3.498	4.578	3.608	-2.152	-1.583	-2.514	-2.272	-0.4219	-1.302	-1.712
2	1.14	2.38	-1.32	-2.001	-1.542	-2.2	0	0.36	-0.16
0.8625	3.692	3.482	-1.438	0.00125	-3.22	-0.8375	-0.2775	-1.967	-0.1875
-0.015	0.735	2.315	-3.915		-0.5375	-2.615	-1.495	-3.375	-3.575
-8.20E-09	2.04	4.64	-2.95	-2.751		-1.48	0	-2	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0	2.19	4.31	-1.61				-0.2	-2.83	
0.26	2.82	1.92	-1.8	0.1488	-1.462	-2.12	-0.76	-2.27	-1.3
2.15	-0.04	0.44	-2.41	-1.871	-2.632		-0.91	-0.28	-1.1
1.46	0	1.5	-0.29	-0.9812	-0.9825	-1.3	-0.92	1.02	-0.45
0.5681	3.798	3.658	-2.602	-1.233	-0.9944	0.02812	0.1781	-0.5719	-1.362
0.59	3.72	3.78	-0.68	-0.5812	-0.5625	0	0.25	-0.11	-0.42
0.1281	3.748	3.568	-1.552	-0.6531	-0.9444	0.1781	0.6981	-0.2119	-0.6319
3.551	2.331	2.391	-1.659	1.169	-1.082	-1.779	-0.8294	-1.709	
0.3413	1.941	2.461	-2.959		3.569		-0.7387	-1.549	
0.94	1.07	0.63	0	1.329	0.6175		-1.85	-2.85	-3.54
1.568	2.628	1.588	-1.302	4.707	1.026		-0.2919	-1.232	
0.015	0.055		0.305	0.05375				-1.145	-1.965
-1.622	0.9181	2.458	-1.162	-1.963		-2.432	-0.9519	-0.8319	-1.982
5.655	-0.035	-0.105	-0.785		6.583	-1.645	-0.955	-0.835	-0.865
1.04	-0.64	-0.09	-0.7		4.928	-0.46	0.26	-0.01	
2.89	-0.83	0.16	-0.16	-0.7912	3.818		0.25	1	2
2.732	-0.4475	2.112	0.2425	0.00125	2.58	-0.8175	-0.0575	1.393	1.962
0.7291	-0.0009375	0.8591	-0.01094	-0.4722	3.567	1.309	-0.3609	0.6491	1.089
1.226		1.226	-1.084	0.295		0.5962	-0.2937	-0.4037	-0.7538
-0.37	1.04	1.21	-1.77	1.389	3.018	-1.65	1.21	-1.32	0.48
-1.116	0.8441		-0.7659				0.8241	0.1841	-0.6359
-0.3	3.35	0.82	-3.47	1.079	-2.032	-1.13	0	0.8	1.8
0.08	-0.08	3.32		-2.441	-1.782		1.41	-0.95	1.12
1.86	3.68	1.65	-0.46	-0.7512	-1.272		1.1	-0.38	5.37E-10
2.356	2.666	1.356	0.01625	-0.015	-2.296	-1.054	0.1963	-0.4337	
-2.57	2.29	2.49	0.32				-0.84	-2.5	
-0.94	0.27	1.79	0.45	1.109	-2.692	-0.23	-0.32	-0.22	-0.01
3.61	-0.25	0.8	0.12		0.0975	-0.8	0	0.54	0.04
4.65	0.76	2.93	-0.54	2.569			0.56	0	-1.2
0.9	1.19	1.74	0	0.6688	0.6375	-0.04	-0.19	-0.37	0.25
1.94	1.5	-0.03	-0.17	0.8988	1.948	-1.44	-0.65	0.03	0.4
-0.42	0	1.74	-1.1	1.269	0.5775	-0.64	0.15	-0.3	
-0.69	0	1.46	0.11	1.909	-0.7325		0.05	-0.32	-1.17
-0.145	0.305	0.775	-0.355	-0.2662		-0.525		0.945	-0.835
-1.201	2.059	1.049	-1.651	-2.472	-3.613	2.359	0.6091	-2.571	-1.621
0.35	0.1	0.73	-0.1	-2.181	-5.332	1.04	-2.24	-2.92	-2.21
-0.61	0.18	0.61	-0.59	-1.711	-1.772	0.73		-0.18	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
	0.3112	1.521	-0.00875			-0.4088	-0.7887	-2.469	-1.659
0.1206	2.621		-0.2794	-1.351	-1.052	-0.4794	1.001	-2.919	1.701
-0.85	0	1.34	-2.18				-0.88	-2.5	
-1.1	0	3.48					-0.86	-3.74	
0	1.18	4.41	-3.24	-2.461			-0.02	-2.29	-1.32
0	1.2		-1.3	-1.581				-1.35	-0.72
0	0.3	2.33	1.07	-2.421	-2.322		-1.35	-2.81	-4.16
0.36	0	2.36	1.39	-4.191	-5.532	-2.77	-0.75	-3.44	-3.73
0.46	0	2.26	1.34	-3.441	-5.522	-2.76	-0.89	-3.69	-3.72
0	-0.42	2.4	0.41	-2.581	-2.762		-1.1	-2.83	-2.16
-1.229	1.211	5.191	-1.669	-3.271		-0.5094	0.4406	-2.199	-1.969
-0.09	0		1.54	-1.041	-1.462		0.28	-1	-0.43
-0.55	-0.78	2.83	1.97	-3.081	-3.262	-1.23	-0.13	-1.25	
0.1	-0.1	2.51	-0.85	1.149	-1.512	0		-0.55	-0.47
0.2612	1.231	0.1412	-0.1688	-0.14	-0.2912	0.3412	0.3813	-0.4187	-1.679
0.9	1.14	2.57	-2.07	-0.3512	-1.462	-0.44	-0.49	-1.54	-0.02
0.5191	0.8591	2.559	-2.041	-0.9322	-1.603	-0.5809	-0.5809	-1.801	-0.2909
0.52	0.31	1.68	-0.64	-0.1312	-0.3825	0.31	-0.01	0.06	5.37E-10
1.171	0.6706		-0.07938	-0.2606	-0.8219	-0.09938	-0.5594	-0.1594	-0.1594
0.05	1.06	0.3	-0.07	0.6387	0.1275	-0.9	-0.29	0	-0.68
-0.09	1.41		-0.34			0.09	0.24	0.49	
		0.1747		-1.017			-0.1553	0.1147	
-1.154	0.2062	0.9462	-0.4038			-0.5938		0.2663	
-0.4059	1.054	0.2241	-0.5259		0.3316		-0.05594	1.134	
0.04	0.46	0.03	-0.52	0.7387	-1.032		0	0.16	-0.91
-0.8688	0.08125	0.7612		0.12	0.3988	-1.389		-0.03875	-1.179
0.805	-2.255	1.255	-1.205				-0.015	0.415	-2.985
0.38	-0.99	0.92	-0.94	0.2988		-0.64	0.59	0.94	
3.475	3.055	3.675		0.2437			-0.125	-0.185	-0.675
1.56	2.13	1.9	0	-0.8912	3.228	-1.12	0.12	0.02	-0.67
1.106	4.726	3.826	-1.024				1.586	0.1456	-0.6944
0.11	2.49	4.02	0	-1.581	0.2375	-0.32	0.76	-0.2	0.69
0	5.52	5.64	-0.56	-0.3612	-1.342	-0.9	1.93	-0.24	0.36
-0.05	5.53	5.93	-0.73	-0.5313	-0.7725	-0.48	1.79	0	-0.15
1.246	-0.5438	6.926	-0.6138	-2.415			2.706	0.3363	0.3062
1.816	-0.7144	7.436	-0.04438			-0.5844	2.916	0.4856	1.196
1.451	0.8412	6.231	-0.3288	1.99	-0.1512	-1.029	2.311	0.3613	-1.409

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.2	2.75	7.92	0	1.419	-1.142	-0.7	3.6	0.37	-0.66
0.36	3.39	5.76	0	2.869	-0.2425	0.34	2.04	0.12	0.09
0.5012	3.051	5.271	0.04125		-0.04125	-0.3988	2.251	0.9113	0.8812
0.7891	4.979	6.139	0.3491	0.06781	-0.4334	-1.571	2.659	0.8191	0.04906
0.8381	3.768	6.668		-0.6231	0.03563	-1.522	2.598	0.5481	
0.66	4.18	7.14	0.4	-0.1412	0.5175	-1.04	3.19	1.03	5.37E-10
0.7156	2.676	4.226	-0.5344	-0.5756	1.243		1.636	-0.8244	
1.04	4.65	5.29	-0.28	-0.5412	-0.3025	-0.54	1.48	-0.09	-0.36
3.212	0.0225	4.542	-0.5775	-0.6988	0	-0.8475	0.6825	0.5125	-0.2775
3.121	0.5412	3.731	-1.209	-1.01	-0.3912	-1.329	0.8813	0.3713	0.4312
2.79	-0.16	3.09			0.4275	-2.35	1.08	0.14	
4.05	0.14	3.78	0	0.3688	-1.562	0.05	0.96	0.34	-0.08
1.351	1.221	2.491	1.151	0.46	1.529	-0.8787	-0.04875	-0.6587	0.5413
2.69	2.31	3.25	1.79	-0.1913			0	-0.44	
3	3.24		-0.97	0.8488	-1.612	-0.78	0.2	-0.93	5.37E-10
1.161	1.981	1.311	0.1312	-0.7	-0.09125	-0.1688	-0.3287	-0.09875	-0.7988
1.428		1.738					0.06813	-1.232	
1.226	1.446	1.296	-2.454		0.05375	2.226	0.6263	-0.6937	-0.2138
0.7312	1.281	1.011	-2.549	-0.57	-2.111	0.2113	0.4013	-0.7387	0.2112
1.879	1.879	1.919	-0.6609	-2.262	-1.853	0.6091	0.8591	0.1591	0.3391
1.095	3.835	3.925	-1.125		-2.167	-3.045	0.185	-1.175	-1.835
1.36	4.15	4.01					0	-2.47	-2.28
-1.299	3.091	3.161	-2.759	-0.3306			-0.4994	-2.959	
1.244	3.204	3.694	-2.036	-1.177	-2.818		0.07406	-1.886	-1.916
2.28	-0.91	2.23	-0.28	-2.401	-0.5025	-0.5	-0.22	0.01	-1.02
2.36	-0.22	2.38	-0.41	-0.5912	-1.262	-2.41	8.05E-09	-0.6	-0.87
1	0	2.62	-1.46	-1.631	-3.192	1.55	-0.31	-1.44	-2.13
1.92	0.08	2.06	-1.16	1.739	1.648	0.26	-0.2	-0.08	-0.68
4.54	1.36	0.43	0.17	-2.801	-0.9825		4.71	1.75	
4.781	1.351	1.701	0.7812			-1.799		-0.1487	
-0.1419	-1.652	3.158	-1.722	1.177	-1.284	-2.262	0.3481	-1.602	-1.802
0.2406	2.311	4.521	0.000625	1.499	-1.342		0.6706	-1.169	-1.659
-0.33		4.45	0.16	-0.6412		-1.13	1.57	-0.16	-1.09
2.051	3.791	5.151	2.321	2.84	-1.561	-0.3787	1.571	-0.4587	-2.079
1.84	1.68	1.5	0	2.739	-1.562		0.22	-0.25	-2.5
0.2681	0.3381		0.06812	-1.553	-2.454	-0.4819	-0.06187	-0.2219	1.148
-0.275	1.095	0.955	1.135	-1.036	-0.4575	-0.115	0.625	-0.505	-0.385

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.03	1.25	-2.91E-09	1.3	-0.6812			-0.2	0.36	0.04
0	-0.45	0.33	2.53	0.6388	-1.832	-0.34	-0.26	-0.55	-0.58
-0.12	0	0.81	3.23	-0.7912	-3.102	0.39	-0.8	-0.89	-0.74
0.6312	0.3512	-0.4488	0.6312			-0.2488	-1.449	-0.07875	
-0.77	-0.8	-0.21	-0.55	-2.151	-2.912	0.23	0.06	-0.4	0.03
-0.075	-1.715	1.345	2.905	-3.686			0.865	-1.125	
2.089	-0.3409	1.119	1.909			-0.1809	0.6991		
2.918	-0.1819	1.218	1.018	-1.313	-2.244	-1.102	-0.3919	-1.152	1.428
1.72	2.06	1.34	-0.26	-2.951	-2.712	0.85	6.89E-09	-0.44	
1.2	2	1.98	0.3		-2.112	0.54	-0.14	-0.11	-0.39
-0.35	-1.17	0.25		-2.901		0.42	-2.12	-2.49	-0.55
0.63	0	0.26	0.47	-4.251	-4.432		-1.38	-1.08	0.47
0.49	1.26	2.09	-1.32	-3.381	-2.662	-0.78	-0.61	-1.63	-0.81
0.21	1.38	1.02	-1.12	-3.681	-4.182	-1.19	-0.52	-1.67	-1.76
-0.04875	0.8712		0.2612	-0.39	-6.171		0.4613	-0.02875	0.3112
2.951	1.131	0.6612	-0.1288	-0.36	-0.9212		-0.4287	-0.6087	-0.4388
0.01125	0.6612	0.9812	1.081	-2.89	-0.3312	0.4912		0.3213	-0.1688
2.04	0		-0.73	-1.951	-0.4425	1.31	-1.09	-0.61	2
1.29	-0.19	-0.11	-0.86		0.1175	0.15	-2.59	-1.54	0.26
1.6	0.12	-0.06	-0.87	-1.591	0.0675	0.23	-3.06	-1.6	0.08
-0.4419	-0.2919	-1.212	-1.822	-2.723	2.806	0.2981	-0.1919	-0.3619	1.078
0.7	-0.58	-1.62	-2.73	-2.681	1.108	0.63	-0.72	-0.71	0.61
-0.1	-2.03	-1.59	-3.31	-3.701	1.518	0	0.88	-2.21	1.4
0.1456	-2.494	-0.2644	-2.544		3.463	-0.7244	-2.954	-1.904	-2.154
-0.1719	-0.1819	0.1481	-3.312	0.006875	-0.4344	0.8881	0.2581	-1.362	0.3281
0.1	-0.18	-0.95	-1.01	0.1387	-0.2125	0.63	0	-0.11	-0.2
0.38	-0.01	1.1	-0.26	1.109	-0.2725	-1.49	0.12	0.01	-0.99
0.3025	2.232	1.012	-1.108	0.00125	-0.9	-0.2875	-0.5375	-1.127	-0.2275
-1.38	0.71		0.02	-1.401			-0.59	-0.53	
-0.22	0.38	-0.09	-3.61			0.4	1.61	-0.38	
	0.52	0.46		-0.5112	-0.8125	-0.26	0.77	-0.66	0.85
1.085	1.325	-0.305	-0.005			0.005		-0.545	0.525
1.455	1.405	0.135	-2.365	-0.9862		1.905	-1.975	-0.485	-0.105
-1.019	0.02062		0.3906		-0.6319	0.2506		0.08063	-0.06937
-0.6959	0.5341	0.9641	-1.026	-0.9272	0.6216			-0.2359	-0.03594
0.7212	-0.7188	-1.589	0.1712	-0.59		0.2212		-1.289	
-0.6697	0.4003	0.7103	-0.5197	0.1591	-0.9722			0.6603	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.73	0.51	-0.25	0.94	0.5888	-1.432	-0.93		-0.36	0.21
0.57	0.38	0.99	-0.38	0.5588	0.8275		-0.64	-0.62	-0.38
0.3613	0.03125	1.181	-1.549		-0.2612	-0.5887	-1.639	-0.6487	-0.3887
-4.049		-3.149	1.061	-1.65	-5.891	-2.569	1.621	-1.769	
-1.052	1.188	-1.572	-1.312	-2.333	-3.434	-2.942	-1.992	-0.7719	1.628
-0.63	1.08	-1.15	-1.83	0.9188	-3.352	-0.54	-0.55	0.35	-0.2
0.2606	0.5506	-0.3594	-1.539	2.929		-2.069	-1.489	0.05063	-0.5594
0.2112	0.7512	-0.3288	-2.389	0.94	-3.471	-2.329	-0.2587	-0.1087	0.1012
-0.2119	0.07812	0.6581	1.788	2.367	-5.134			0.5081	
-0.18	0.11	0.06	0.58	1.539	-2.302		-0.47	0.73	
3.18	0.07	1.79	-1.8	-0.1812	-1.942	-2.5	0.45	-1.43	5.37E-10
0.1281	-1.082	-0.5319	-0.6719	-0.9631	-1.574	-2.232	3.638	-1.722	0.5581
1.89	1.69	1.31	-0.09	-0.4113	-1.392	-2.53	-1.30E-09	1.30E-09	-1.17
0.7513	1.111	0.9312	-0.2988	-0.51	0.01875	-1.419	-0.8787	-0.4687	-0.9587
-0.65	-0.05	1.58	-0.52	0.8387		-1.41	0	-0.81	-2.54
-0.5038	-1.474	0.1562	0.6862	-0.155	-1.606	-1.344	-1.394	-1.234	-1.944
-1.399	-0.3888	0.03125	0.4512	0.86	-2.031	-0.2387	-0.2687	-0.5187	-0.4988
-0.55	-1.12	0.07	-0.31	-0.1312	-0.1525	-0.17	-0.29	0.66	0.2
-1.368	1.072	-1.468	-0.5275	-0.9488	0	-1.028	-0.1975	-0.1375	-1.368
-2.22	-2.34	-0.71	-2.04		-4.282	-2.12	-2.89	-0.01	5.37E-10
-0.545	-1.915		-1.815	-0.4662	0.2125	0.255	0.065	-0.715	-1.235
-2.848	-1.318	-0.3275	-2.248	0.00125	-3.19	-1.348	-0.7975	-0.6075	4.822
-1.862	-0.9319	-1.832	-1.812			-0.4419	1.008	-0.3119	0.9381
-0.655	0.115		-0.115		-0.9875	-1.605	-1.195	-0.645	-0.305
0.4781	-1.102	-0.6119	0.8381	-0.4431	-0.2444	-0.9719	-0.4619	0.4281	-0.3519
		-1.439	-1.629			-0.9887	-1.999	-0.4987	-2.049
-0.05	0.42	0.6	-0.98	0.3088	-0.8225	-0.54	-1.03	-1.47	5.37E-10
0.945		-1.625		-3.566	-5.328		-1.855	0.585	-1.355
2.229	-2.601	-1.231	-3.261	-1.062		-0.7709	-1.431	0.7891	-0.2509
-0.1381	0.5519	-0.2981	-1.898	-2.839	0.01938	-0.1881	-0.06812	-1.608	-2.228
0	0.08		-0.6				-1.36	-2.46	
1.978	-1.172	-4.292					-5.312	-5.192	
-0.3759	-0.2959	1.664	-1.426	-0.6672	-3.308	0.5741		-1.676	-0.2759
0.8956	-0.1044		-0.4244		-0.8369		-1.644	-2.004	
-0.285	0.085	-1.225	0.175	-0.09625	-2.407	0.245	-0.455	-1.625	-0.795
0.43	0.73	-0.37	-0.38	-0.01125	-1.942	-0.22	-0.22	-1.72	-3.53
-0.58	1.82	0.11	-1.65		-3.072	1.34	-0.75	-0.85	-1.84

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.5319	2.068	-0.01188	-1.502	0.05687	-3.244	0.9881	-0.3719	-0.8019	-1.442
0.15	1.67	0	-1.01	-1.361	-3.072	-0.06	-0.77	-1.01	-1.33
-0.6044	2.256	-0.2744	-0.5644	-1.276	-3.267		-0.7444	-2.244	-1.934
-0.215	3.695	-0.225	-2.435	-1.016	-2.307		-1.575	-2.075	-2.515
1.3	0	0.28	-2.11	-2.691			-1.1	0.1	
-0.775	-0.885	1.175	-4.265			-6.085	-2.715		
-0.4288	-0.9288				-2.411			-1.319	-2.929
-0.465	0.465	-1.225	-3.315	-3.016	-4.507	-1.885	-1.795	-2.815	
1.79	0.68	-0.11	-2.1	-4.331	0.1875	-4.65	-3.32	-2.1	-2.23
1.894	0.4841		-1.966	-4.347	0.1216	-4.406	-3.136	-2.016	-0.7359
-0.03	-1.35	0.03	-0.61	-1.411	0.1375	-2.38	-2.36	-1.09	-1.18
1.58	0.18	0	-3.29	-2.351	-0.0825	-4.19	-2.96	-3.12	-2.49
0.61	-1.22	0.01	-3.38	-3.601	0.4975	-2.22	-1.94	-2.53	-2.14
-0.8288	0.8012	-0.2788	-1.089	-1.72	-1.731	-1.139	-0.7987	-3.069	-1.909
-0.7809	0.4391	-1.571	-1.681	-2.442	-1.223	-0.7309	-2.121	-1.731	
-1.27	0	-1.89	-2.12	-3.221	-1.582	-1.83	-2.44	-2.71	-3.15
-1.29	0	-2.2	-1.74	-2.961	-1.202	-0.39	-2.68	-2.37	-2.88
-1.62	0	-2.12	-2.85	-3.991	-2.112	-1.88	-2.78	-2.75	-3.21
-0.9788	0.2112	-1.279	-2.349	-2.81	-1.011	-1.979	-2.339	-1.669	-3.199
-0.5688	0.2112	-1.049	-1.949	-3.11	-0.7612	-1.489	-2.449	-1.259	-2.679
-2.355	-0.9147		-3.995	-5.256	0.3928		-2.545	-4.505	
1.19	0.38	1.29	-2.25	-4.191	-1.372			-2.96	-3.62
1.33	0.5		-0.64	-1.701	-0.2325	-2.74	-1.35	-2.08	
-0.3087	0.7512	0.3312	-2.339	-0.79	-0.9612	-2.089	-1.369	-1.889	-2.679
0.3891	0.4091	-0.09094	-4.381	-4.772	-0.1734	-3.591	-3.261	-3.901	-4.311
0.7	0.26	-0.45	-0.59	-4.111	-3.412	-3.53	-2.96	-1.23	-0.87
0.48	0	-0.79	-1.03	-2.661	-1.512	-0.71	-2.97	-1.64	-0.51
0	0.29	-1.06	-1.07	-1.971	-1.792	-1.32	-2.28	-1.71	-0.73
-0.1319	-1.472	-0.7319	-5.482	0.5169	0.8256	-4.602	-4.652	-4.952	-5.562
-0.1619	-1.352	-0.9219	-5.132	0.6169	0.8856	-4.112	-4.622	-5.182	-5.952
0.715	-0.235	-0.025	-0.935	-1.616	-1.117	-3.425	-1.695	-2.115	-2.525
0	-1.36		-3.6	-1.601	-0.8425	-2.64	-2.19	-3.33	
-0.3194	-1.869			-2.171	-1.412		-2.589	-4.639	-3.169
0.08	-1.49	-3.74	-4.27	-1.541	-0.6625	-6.71	-2.52	-4.06	-3.09
-0.1	-1.51	-3.34		-1.441	-1.002		-2.43	-4.19	-3.8
-1.446	0.5941	0.6341	-2.226		-4.108	-2.276	-0.9159	-0.2259	-2.826
0.725	1.105	0.355	-2.665	-4.126	-4.147	-0.355	-1.375	-1.785	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0	0.29	-0.36	-5.23	-5.831	-4.592	1.76	-1.88	-5.5	-1.08
0.09	-1.55	0	-1.12	-4.561	-4.322	0.04	-1.58	-3.22	-2.57
0.3741	-0.9659	-0.3359	-0.2559	-3.357		-3.676	-1.676	-2.086	-2.736
-3.032	0.3481	0.1981	-4.182	-3.563	-1.084	-4.422	-3.182	-3.912	-2.842
0.56	0	1.77	-0.88	-2.191	-5.652	-1.82	-1.51	-1.5	-1.42
1.274	1.124	-1.276	-3.106	-1.527	-3.198		-2.336	-3.056	-3.716
2.381	2.281	0.5306	-4.109	-1.361	-6.252	-4.809	-3.059	-4.159	
0.1841	0.5941	0.6141	-4.536	-4.757	-5.518		-3.006	-3.126	-3.446
-0.7088	-0.4088	0.06125	-3.859	-4.4	-6.061	-5.449	-3.539	-3.909	-4.999
-0.26	0.49	0.61	-1.4	-7.091	-6.272	-5.61	-3.66	-4.64	-6.79
-0.1675	0.5425	-0.1675	-3.638	0.00125	-1.2	-4.048	-3.367	-3.347	-4.008
-0.9175	0.4625	-0.8075	-5.918	0.00125	-1.64	-6.038	-4.347	-5.967	-5.578
0.3081	-3.302				-6.114	-5.672	-3.452	-4.182	
0.1181	-2.462	-0.3019	-4.862				-3.032	-4.772	-5.092
0.8412	-3.129	-1.889	-4.599		-6.961	-7.519	-5.399	-4.869	
0.2297	-0.6103	0.5997	-3.1		-3.323	-3	-2.51	-2.44	-2.96
0.07062	-0.6494	0.1806	-2.309		-2.832	-2.859	-3.119	-2.839	-3.499
0.000625	-0.3194	0.6806	-2.679	-3.771	-3.532	-1.399		-2.239	-2.379
-3.352	-0.6619	0.5181	-2.952	-3.493	-2.944	-3.352	-2.792	-4.332	-4.162
0.4997	-0.8103	2.44				-2.73		-5.36	
1.101	0.4712	1.241	-3.029	-3.05	-4.071	-1.529	-2.419	-2.799	-4.109
1.26	1.22	2.45	-3.59	-3.651	-4.732	-3.71	-1.76	-3.9	-4.25
1.08	0.13	0.61	-0.78	-0.8712	-1.162	-2.9	-2.27	-1.58	-2.13
-1.221	0.2491	0.3491	-2.461		-4.603	-0.8109	-0.02094	-1.191	-3.121
	0.3741		-1.706	-1.997		-1.636	-0.04594	-1.066	
-5.294	1.026	0.3356			-6.217		-1.654	-1.624	-5.154
-2.099	0.9312	0.4812	-3.059	-3.74		-3.319	-1.989	-1.359	
0.7606	-0.3094	2.531				-1.799	-1.689	-2.639	-3.259
1.728	0.4581	1.148	-2.652	-1.763	-2.454	-2.672	-1.482	-1.942	-1.152
0.2781	0.9381	0.8781	-3.262	-2.063	-1.824	-1.762	-0.5219	-1.532	-1.122
-0.29	-0.85	-0.19	0	-1.581	-1.432	0.49	-1.38	-0.57	-1
-0.65	-1.19	-0.79	0		-3.132	0.49	-2.89	-1.19	-1.93
-1.3	-2.84	0	-2.77	-4.031	-2.212	0.23	-1.43	-1.22	-1.79
0.4	-2.08	-1.66	-2.44	-2.021	-2.692	-1.2	-2.33	-2.49	-0.79
0.2781	-2.482	0.1581	-1.052	0.1169	-2.994	-3.872	-2.462	-1.762	-2.662
0.39	1.05	1.63	-2.99	-2.791	-4.872	-1.66	-1.42	-3.04	-1.51
0	0.24	-1.28	-2.06	-4.081	-3.102		-6.03	-1.91	-2.14

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.75	0	-0.88	-3	-1.581	-1.932		-2.17	-1.98	
1.818	-0.3419	0.3981	-1.492	-2.463	0.5356	-1.562	-1.202	-0.01187	-1.802
0.625	-1.055	-0.075	-3.355	-2.256	2.473	-3.155		-2.015	-2.435
1.164	-3.216	-0.04594		-4.647	2.382		-1.846	-2.236	
0.035	-1.495	-0.055	-2.165	-0.3662	-1.017	-2.395	-1.805	-4.385	
0.91	-1.56	0.31	0	-0.2412	-1.932	-2.25	-2.2	-1.64	-0.7
2.511	-0.9888	0.09125	-0.5088	-1.39	-0.1212	-1.399	-2.079	-0.6087	-0.2088
-0.29	1.97	-0.21	-2.91	-2.091	2.698		-2.7	-2.02	-2.37
1.18	-0.69	-1.13	-1.81	-2.681	4.048	-5.17	0	-4.1	-2.13
0	-0.29	1.44	-0.75	-1.781	1.698		-1.5	-3.55	-2.88
-0.12	0	-0.49	-2.27	0.3088	1.828	-1.39	-1.7	-1.46	-1.93
0.1741	-1.616	-0.8959	-1.666	-2.707	0.9416	-2.686	-1.816	-3.096	
-0.1	-0.84	0	-3.63	-2.191	-2.872	-3.95	-0.65	-1.88	0.84
0	0.73	0.34	-2.14	-1.541	-0.7425	-1.89	-2.52	-1.73	-3.19
0.5413	-0.3488	-0.5088	0.06125	-1.15	-0.8712	-0.2387	-1.699	-1.399	-0.6187
0.6813	-0.2788	0.08125	-0.2688	-1.64	-1.401	-0.5587	-2.119	-2.429	-0.6787
-0.9775	-0.5475	0.6025	-1.238	-1.479	0	-0.6675		-1.458	-3.518
-1.188	-1.978	-2.738	-2.898	0.00125	0.13	-2.428	-2.637	-2.837	-2.978
0	-2.4	-1.96	0.05	-0.8712	0.4075		-2.45	-2.75	-2.51
-2.375	-1.375	0.275	-0.275	0.8038	-1.667		-2.325	-2.405	-2.285
-1.562	-0.9119		-1.102	0.1369	1.016	-1.352	-2.632	-1.702	-2.112
-0.06	-4.26	0		-0.01125		-5.55	-3.72	-4.06	-1.21
-0.6353	-0.7953	0.3347	0.5347	0.7634	0.5722	-2.695	-2.535	-2.945	
0.5381	-3.422	-2.272	1.138	1.487	2.826	-3.292	-3.752	-3.482	-2.512
0.06	0.71	0.08	0	0.3788	1.078	-5.7	-3.43	-4.63	-4.92
-0.44	0.86	-0.41	0.25	1.079	1.318	-4	-3.17	-1.23	-4.22
-0.2019	-0.5519	0.02812	-0.7619		3.336		-3.852	-1.882	-1.622
0.08125	-0.8988	-0.4288	0.1712	-1.91	0.04875	-4.519	-0.2487	-3.299	-4.189
-1.69	0.85	0	-2.58		-2.462	-0.6	-3.15	-1.27	-0.08
0.12	0.68	-1.18	-3.12	-3.261	-3.162	-5.46	0.56	-2.22	0.7
-0.85	-1.17	0						0.29	-0.43
-0.1209	-2.571	0.8991	-2.381	-4.702	-0.2734			-2.561	-2.901
1.142	-1.258	1.622	-1.758		0	-0.8775	-0.3175	-1.288	-1.448
0.55	-1.14	-0.2	-1.21	-0.9312	1.008	-0.81	-0.76	-1.13	-0.88
-0.3075	-2.528	-1.628	-0.7275	0.00125		-0.2075	-1.627	0.4025	0.0625
0	-1.92	-1.46	-2.29	1.869	-2.032	-0.18	1.29	-1.87	-1.86
-0.33	-0.44	1.54	-2.99	1.369	-4.552	0.28	-0.23	-0.34	-5.07

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.08		1.34	0.03	2.979	-2.882	-0.86	-0.03	-1.37	-0.32
-1.31	-1.47	-0.84	-1.09	0.01875	-1.412	2.54	-0.47	0.34	5.37E-10
-1.095	-0.955	-1.385	0.125		2.443	-0.125	-0.425	-0.285	-1.405
-1.3	-0.31	-0.84	-4.56E-09	-0.7512	-0.1925	-0.33		0.12	5.37E-10
-1.749	-0.6088	2.101	2.551	-1.01	-0.7712	-1.329	-0.6987	-0.7787	-1.609
-0.83	0.17	0	-0.76	0.4988	-0.0225	-3.77	-2.33	-0.84	1.32
-3.234	-2.744	-1.024	-2.494	-0.915	1.744	-3.414	-2.154	0.9163	
0.01062	-0.1894	-0.05938	0.4606	-0.6006	-0.01187	-0.4594	0.8406	0.2906	-0.6594
-0.225	-3.575					0.225	-1.595	-3.205	-2.945
-0.25	-1.17	2.62	0	-3.041	1.048	-1.78	-0.77	-1.29	-1.15
1.32	0	0.05	-2.51	-0.4012	-1.942	-0.7	-2.43	-2.63	-2.52
-0.62	-1.27	0	-0.19	0.3488		-0.38	-2.57	-2.57	-2.37
	-0.315	-1.155	1.725	-0.9262	0.5025	-1.275	-1.795	-0.675	-0.095
0.66	-0.46	-0.78	0	-3.411	-2.902	1.47	-1.26	-2.28	-1.07
-0.8288	0.7812	-1.689	-1.609	-2.77	-3.651	-3.989	-0.8987	0.3313	-2.169
-0.29	0		0.26	-0.6912		-0.52	-0.62	-0.87	
-1.28	-0.82	0	-0.14	-1.861	1.868	-0.18	0.59	-1.59	2.96
-0.36	-1.27	-0.87	-2.72	-3.721	0.8075	-4.26	-1.25	-3.19	-2.22
-1.255	-0.605	1.165	-0.635		-5.237	-2.795	-1.145	-1.925	-0.805
-1.928	-1.238	-0.4775		0.00125	-2.05	-1.208	-0.6075	-1.707	
-0.83	-0.93	-0.03	-0.97	-0.4813		1.78	-0.14	0	1.42
-0.835	-0.245	4.325	-0.895	-0.4963	-1.937	0.225	0.745	-0.225	0.395
-1.75	-0.73	3.3		-0.5713	-1.622	-0.71	0.15	0	-0.14
-0.8088	-0.2288	0.08125	-0.06875	-1.42	0.06875	0.1412	-0.6687	-0.4487	-0.1988
-1.119	-1.409		-0.2788	0.2	-1.351	-0.9988	-0.1987	0.3013	
-0.4875	-0.8975	-0.9175	0.2925	0.00125	-0.44	-0.2075	0.3425	0.6225	-0.1075
-0.855	0.015	0.255	-0.015			-1.375	-1.025	-0.615	
-0.58	1.49	0	-1	0.1988	-0.9825	-1.5	-0.35	-0.92	-0.57
-0.79	-1.19	-0.37	-0.87	-0.1412	-1.152	0	-0.46	0.29	1.01
-1.595	-3.475	-2.305		-2.226	-2.207	-0.215	-0.645	0.215	1.245
-1.635	-2.615	-0.915		-3.486		0.135	-1.195	0.405	
0.14	0	-0.6	-1.66	-0.7812	-1.592	-1.1	-1.76	-1.24	0.17
-0.4075	-0.0175	-0.2675	-0.1975	0.00125	0.5	0.0125	-0.5375	-0.6575	-0.1175
	-1.098	-0.5375	-1.688	0.00125		-1.938	-0.8475	-1.297	
-0.26	0.95	0	-0.06	-2.621		-0.13	-0.61	-0.06	0.38
-0.5375	-1.278	0.9125		0.00125	-1.54	-2.318	-0.3375	-0.9275	
0.365	-0.885	1.385	-1.145			-0.545	-0.835	-0.365	-2.375

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.39	0	0.54	-0.67	-0.1612	-1.622	-0.74	-0.77	-1.27	-1.3
2.32	0	-0.03	-0.93	-0.9712	-3.232	-2.67	-1.29	-1.6	-1.87
-0.75	0.7	0.6	-1.58	-0.6913	-1.142	-1.6	0	-0.43	
-0.7075	0.2025	0.2625	-0.2475	-0.08875	0	-1.658	-0.1775	-0.1275	
2.07	-0.46	-0.07	-2.43	-3.011	-2.912	-1.58	0	-1.14	-1.75
1.5	-0.1	-0.94	-1.96	-2.601	-2.522	-2.03	0	-1.42	-1.7
-0.09	-0.26	0.09	-0.91	-0.5112	-2.192	1.11	0.66	-0.22	-1.15
-0.5975	-1.498	-1.028	0.3525	0.00125	-0.52	1.402	-0.3075	0.0025	-0.0075
-0.7988	-0.1688	0.7012	-0.6588	-1.1	0.1688	1.631	-0.5787	-0.4687	-0.5888
-0.45	-0.8		-0.55	-0.3512	1.058	-1.09	0.74	-0.28	-0.31
0.145	1.585		-1.485	-1.386	-3.367	-1.855		-0.145	-1.415
-0.21	-0.02	1.5	-0.1	-0.2112	0.0075	0	0.35	-0.3	-0.4
-0.9744	-0.2244	0.4156	0.1756	-1.756	-0.5169	-0.5944	0.3756	0.4056	
0.8	0.86	-0.05	-0.22	-0.3812	0.8775	-0.21	-0.83	-0.86	5.37E-10
-0.6338	0.6462			-0.165	-0.6762	-1.624		-1.114	-1.314
-0.7488	0.5112	-0.08875	-0.4788	-1.29	2.989	-1.039	-0.9887	-0.3987	0.02125
1.51	-2.71	0.81	-0.05	-0.3612	-0.7425	3.12	-1.11	-1.76	-1.59
0.38	0	-0.35	-2.67	-2.301	-3.232	1.82	-1.59	-2.91	-1.2
2.66	0.07	0	-2.42	-1.531	-3.682	-0.07	-2.05	-2.27	
0.45	-1.42	-0.12	-2.95	-1.421	-0.4325	0	-1.79	-1.49	-0.39
-1.21	-1.56	-0.88	-1.1	1.069	0.6575	-2.18	-2.03	-1.95	-0.29
-1.15	0	0.8	-0.82	2.559	1.128	-0.87	-1.99	-2.18	-1.9
-2.63	-0.36		0.36	-1.911	-1.712			-4.04	
-0.3	-0.48	-0.73	-0.19	-0.1313	-1.402	-0.37	0	-0.94	-0.74
1.088	-0.9519	0.5281	-1.082		0.5756	-1.292	-2.052	-1.932	-1.162
1.066	-0.7444	2.716				-0.7644	-1.354	-2.474	
1.156	0.3656	2.416	-1.474		-1.657	-0.4544	-0.4144	-1.384	-1.484
2.545	1.715		-0.8347	-0.1359	-0.02719	-2.075	-0.8847	-1.665	-1.915
1.87	0.62	0.25	-1.19	-1.271	-0.5725	-1.59	-1.3	-0.59	0.25
2.352	1.572	1.832	-1.968	-2.619	0		-0.1775	-0.1875	-1.138
0.595	2.665	1.205	-0.445	-2.506		-2.065		0.795	-0.555
-0.35	-2.24	-2.08	0.36	-1.041	0.6875		-2.04	-1.74	5.37E-10
-0.64	-5.12	-4.73	0.26	-0.8012	0.0275	-2.57	-5.04	-1.38	0.31
-2.822	-2.412	-3.062	3.118	-3.283	2.456	-3.012		-2.792	-2.562
-0.8775	0.7525		0.8425	-0.08875	0	0.3925	-0.3175	-3.488	-2.038
-2.65	0.06	-0.06	-2.01	-1.201	-2.742	-1.63	-0.23	0.25	-1.77
-0.27	0	-1.69	-1.59	-2.571	-1.082	-1.82	-1.37	1.16	-1.53

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.118	0.4325	0.2025	-4.878	0.00125	-1.96	-1.018	-1.907	0.8725	-2.428
0.2512	0.8812	0.1412	-0.3188	-1.71	-0.8112	-1.529	0.1713	-2.019	-1.439
0	1.98	0.98	-1.58	-2.621	-2.762	-0.55	0.75	-3.49	-3.28
1.24	0.83	0.69	0.34	-0.5512	-2.722	-1.1	-0.4	-1.48	-1.41
0.5512	1.641	0.5712	-2.429	0.55	-1.231	-2.069	-1.679	-3.799	-2.249
1.721	2.111	1.871	0.4712	-0.79	-0.6112	-1.789	-0.1287	-1.299	-0.7488
-0.3387	0.8812	-0.06875	-0.8388	-1.03		-0.6287	-1.529	-2.459	0.7413
0.9541	0.9141	1.384	-3.376	-2.977	-4.158	-0.07594	-0.7359	-0.3259	
1.208	0.8381	1.498	-5.312	-3.313	-4.874	-0.2119	-0.8419	-0.3919	1.118
1.39	0.91	1.1	-0.06	-1.901	-1.662	0	-0.73	-1.81	-0.64
1.18	-0.03	0.9	-1.82	-1.921	-2.382	0.38	-0.67	-1.48	-0.82
1.32	0.5	0.75	-1.47	0.3388	-2.952	0.41	-0.39	-0.96	-0.33
0.92	1.34	1	-1.08	-1.661	-2.032	-0.18	-1.9	-1.78	5.37E-10
0.08	0.42	-0.17	-1.56	-2.091	-2.702	-3	-2.11	-1.27	5.37E-10
-0.6888	-0.02875	2.211	-1.389	-1.47	0.02875	-0.7888	-1.149	-2.659	-1.749
-0.2788	-1.379	0.4012	0.7212	-0.26		-0.9988	-1.529	-0.9287	-1.049
-0.3388	-2.219	0.5112	1.001	-0.02	-4.851	-4.189	-2.139	-3.339	-3.489
-0.08	-1.14	0.2	-2.98	-1.781	2.568	0	-2.21	-1.76	-1.43
0.1491	-1.491	-1.451	-1.911	-4.592	1.647	-3.321	-0.0009375	0.03906	
-0.7275	-0.6575	0.9325	0.3125	0.00125	2.52	-0.4975	-0.4575	-1.247	-0.6575
-1.24	1.04	-0.47	-2.34	-3.041	1.158	-1.9		-0.75	-1.26
-0.9019	0.2081	-0.3819	-3.682	0.8069	0.9156		-2.732	-1.092	
-2.959	1.481	1.801	-4.319			-1.119	-1.409	-1.789	
-0.29	1.44	0.11		1.499	0.1075	-3.77	-0.53	-1.22	-1.22
0.5241	1.534	0.6241	-2.686			-3.426	-0.7259	-2.176	0.9041
0.5112	-1.079	1.811	-2.269		2.759		-0.6887	-1.779	0.1612
-0.09	0.35	1.07	-1.83	2.949	-0.0125	-2.37	-2	-1.56	0.41
0.48		1.1	-2.13	0.2888	0.6675	-0.92	-0.09	0.08	
-1.1	0.32	-0.2	-2.6	3.589	-0.5325	0	1.08	0.93	-1.54
1.198	-0.3219	0.008125	-1.742		-1.994	0.2681	-0.8419	-0.8719	-2.152
0.7791	1.519	0.4491	-1.471	2.668	0.3566	-0.3509	-0.3509	-0.6609	
-1.202	1.228	-1.342	-1.802	3.247	-1.054		-0.8119	-3.172	-2.132
-0.025	1.815	-1.505	-2.905	4.204	-0.7475	-2.505	-0.415	-2.585	
0.18	0	-0.15	-2.13	0.5288	-0.0825	0.42	-1.95	-1.71	-1.99
-1.688	0.9525	-0.6175	0.5225	1.691	0	-2.808	-0.9775	-0.4675	-2.178
-2.482	-0.3219	-1.692	1.788	1.667	1.136	-0.3319	-1.662	0.1081	-2.392
-0.31	-0.23	-0.81	0.65	0.5687	0.6375	-0.99	0	0.04	-0.39

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.9238	-0.7138	0.1262	0.04625	0.175	-0.04625		-3.524	-1.554	-5.174
0.11	-0.31	-0.84	1.15	-0.9113	-0.0125	-0.23	0	0.21	0.98
0.3663	0.02625	1.466	0.04625	-0.025	-0.9762	-0.9237	-0.5137		-1.184
1.582	0.3925	2.702	-0.5375	0.00125	-0.54	-0.6575	0.0025	0.3425	0.3125
2.359	-0.1509	0.4691	1.089	-1.072	0.4566	-2.271	-1.151	-0.4609	-0.1109
-0.7275	1.342	2.222	-0.2875	0.00125	0.18	-1.378	-0.1175	-0.1675	-1.898
-0.96	1.42	-0.12	0.16	-0.7312	0.5775	-1.27		-0.46	0.49
-1.84	0.49	-1.25	0	-0.7112	0.5675	-2.09			0.24
-0.2419	0.5481	0.3781	-0.1419	-0.09313	0.08563	-1.852	-0.2419	0.2881	-0.9219
0	-0.13		-0.95	0.5388	0.8975	-1.68	-0.62	0.01	0.42
-2.219	-1.029	-1.859	-1.339		3.949	-2.779	-2.709	-0.4587	
2.688	-0.7119	-0.01188	-1.512	1.597	-0.07437	-1.532	-0.8019	-0.7419	-0.9719
0.17	-0.18	-0.25	0	2.299	1.388	-2.82	0.43	-1.05	-0.3
0.41	-0.96	-0.09	-1.83	2.539	-1.172	-1.53	-0.26	0	-0.69
0	0.19	0.74	-0.42	-0.2512	-1.782	-0.67	0.77	-0.55	-0.34
0.2469	0.5669	-2.353	0.8769		0.1444	-2.853	0.6669	-2.913	-1.703
0.065	0.275	-0.635		0.5938	0.9725	-1.685	0.155	-1.295	
0.7	1.65	1.51	-3.27	0.8487	-0.0025	-0.3	0	-0.6	-0.2
-0.3019	0.1281		-1.302		2.856	0.7681	4.458	-0.2319	0.4981
-0.06	-0.07	-0.25	0	0.4888	2.588	0.23	2.63	-0.14	0.05
0.62	-0.84	1.29	-1.45	1.549	3.958	3.79	1.26	-0.01	0.01
-0.075	-0.105	-0.335	-3.495		-0.6175	0.075	1.325	-1.445	1.495
-2.66	-1.26		-2.3			0.92	-0.51	2.75	2.35
-0.6075	-0.0175	-1.858	1.312	0.00125	-0.44	0.9225	0.1925	-0.3875	0.3125
-1.22	-1.33	-1.03	0	0.04875	1.208	0.18	0.87	0.33	-0.73
-0.7953	-0.2453		-0.6353		-0.8978	0.2247	0.1747	-0.2653	-1.585
-0.96	1.2	-0.67	0	0.9188	-0.3425	0.66	-0.88	0.02	-0.15
-1.389	0.6012	-1.659	0.2312	0.42	-0.7712	0.01125	0.08125	-0.6087	-0.4288
0	-1.33	-0.82	0.82	-0.8812	0.4575	-1.52	1.19	-0.58	-0.12
0.34	-1.12	-0.29	0.18		-0.2525	1.29	1.61	0.4	
-0.07	-1.67	-1.26	-1.09		1.638	2	-1.7	-0.76	1.49
2.311	1.131		0.4112	-1.03			5.271	-0.1987	1.521
1.15	0.07	0.89	-1.62	-1.151		-2.74	3.82	1.21	2.25
-0.2494	0.06062	-0.1194	0.9506	-1.241	1.048	-2.469	1.451	0.7806	2.081
-0.7088	1.141	0.6512	0.05125			-1.859	3.981	-0.2787	0.09125
1.31	1.54	0.18	1.24	-1.301	-1.062	0	1.93	2.69	3.6
-0.5694	0.5606	0.5806	0.5306		-1.642	0.3506		0.4506	1.191

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.839	-1.069	-1.889	-1.039			-1.129	2.191	1.581	
-0.8619	2.198	0.6581	-3.562	1.057	-0.7544	0.6081	-0.1819	0.9981	0.2081
0.3241	-1.196	-0.1259	-2.076	-0.6072	-2.808	-1.736	0.1341	2.124	-1.666
0.81	-1.36	1.43	-1.89			1.27	-1.06	0.84	
0.13	-0.03	0.38	0.22	-0.4212		0.03	-0.62	0.3	0.07
1.81	0.37	0.78	0.08	1.759	-0.6125	-0.13	-0.05	-0.15	5.37E-10
0.305	0.365	1.505	1.145	-1.566	-2.497	-0.105	0.105	-0.905	0.335
-0.16	0	0.95	0.83	-0.5512	-0.1725	0.16	2.94	1.84	-0.25
0.08125	0.2712		0.8112	2.61	0.07875	-0.5988	0.6413	0.3313	-0.1188
0.95	0.5	1.17	-0.83	1.689	-0.3925		1	0.12	
-0.3144	1.136	0.9656	-0.4144			-1.534	1.316	0.3356	-0.4944
1	0.76	2.37	-0.05	3.009	0.1275		0	0.71	0.29
0.5206	1.371	3.061	-1.259	1.159			0.3106	-0.5694	
2.159	2.339	1.539	-0.6209	-1.202	-1.603	-0.6109	-0.3109	0.1291	-0.1509
0.06	0.13	0.96	0.08	-0.6212	-2.182		0.53	0.57	5.37E-10
0	0.17	0.82	-0.34	2.469	-1.682	-0.21	-0.47	0.04	-0.49
0.5356	0.04562	1.336	0.07562	-0.1956	-1.197	0.2056	0.3756	-0.2944	
-0.00375	0.6662	2.406	-0.08375	0.005	-2.126	0.7762	0.1663	-1.954	-0.6938
-0.17	0.38	2.66	0.22	-0.1713	-2.512		0.78	0	
0.18	0.43	1.58	-0.11	0.5488		-0.48	0.34	-0.06	-0.71
1.035	0.235	3.255	-0.135	1.734	-1.577	-1.135	0.135	-0.645	0.325
0.66	0	1.31	-0.34	2.489	-0.4825	-1.24		0.11	
4.531	2.071	3.221	-0.03875	1.11	-0.9212	-1.059	0.4113	-0.1887	-0.01875
0.3312	-0.01875	0.9112	-1.769	0.01	-1.331	-1.889	0.06125	1.181	0.1512
-0.08875	-0.04875	1.521	0.1612	0.18	-2.171		1.381	0.1113	
-0.3	0	1.07	-0.37	0.2688	-0.3125	-0.05	1.8	-0.24	0.09
0.495	0.095	0.685	-0.135	0.06375	-0.4375	-0.995	0.695	0.495	0.045
0.225	-0.065	0.345	-0.135	-0.3562	-0.1175	0.065	1.015	0.395	
1.718	0.02812	2.078	0.2781	1.597	-0.8644	-1.422	0.5281	0.4481	0.6181
0.54	0.31	2.76	0.08	0.9588	-0.8025	-0.04			5.37E-10
-0.59	0.92	2.99	-0.37	1.479	-0.7525		3.13	-0.14	0.91
0.4881	0.09812	-0.2219	0.2481	0.09687	0.1956	-0.5119	-0.3119	0.04813	0.3581
0.7447		0.4847	-1.195	-1.567	0.7422		-0.2253	-1.135	
-0.135	0.295	1.165	0.645	-0.9563	-0.7175	1.045	0.135	-0.625	1.285
-0.025	1.355	1.705	1.025		-1.537	0.485	0.855	0.295	-0.475
-1.011	-0.1509		0.5091	-2.472	0.06656	-0.3009	4.549	-0.5209	-0.03094
1.335	-0.215	3.305	-0.295			2.085	-0.035	-2.065	-2.895

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.5238	0.3162	0.1662	0.6962		-0.3262	0.08625		-0.1037	-0.3838
0.1056	0.3456	-0.7944	3.536	-2.046	-1.067		0.2156	-0.8744	-0.9544
-1.854	0.4156	0.1156	1.146			-1.594	0.8356	-0.3944	-1.714
-0.185	-0.315	1.405	2.815	0.8938	-2.327		1.615	0.185	-0.385
0.42	-0.03	1.84	3.85	1.779	-1.662	-0.34	0	-0.83	
0.22	-0.27	0.51	0.99	4.419	-0.5825	0	-0.05	-2.54	-2.04
-0.06875	2.181	3.031	2.331	0.53	0.06875	0.5112	0.2113	-0.6187	
-0.36	-0.25	-0.46	6.58	6.099	0.1475	0	1.12	0.19	0.16
0.97	0.36	1.81	8.2		-0.3725	-0.93	0.9	0.36	-0.47
-0.5594	-0.5894	0.1706	6.971	-0.3106	-1.492	-2.049		-1.239	0.3106
0.055	-0.775	1.105	4.615	0.8337		-1.225	-1.015	-0.055	
	0.5712	1.191	6.511		-0.1212	1.171	0.1212	0.2412	
0.1903	-0.4597	2.3	4.04	-0.01094		-1.33	1.51	4.16	3.29
0.18	-0.41	0.17	5.05	-0.6812	0.7075	-0.41	-0.21	0.51	0.96
0.145	0.295	0.325	4.975	-0.4062	-0.7075	-0.445	0.335	0.495	0.115
-0.2459	0.1641	0.7841	3.244	-0.2072	0.5916	0.03406	0.1941	-0.2759	-0.6859
-0.09875	-0.6588	0.4912	6.441	1.9	-0.5612	-0.2387	1.001	1.011	-0.07875
0.42	-0.93	0	9.1	0.5188		-1.8	0.73	0.85	
0.2263	-0.2238		9.076	0.225		-1.674		1.396	
0.015	-0.015	2.085	9.095	0.7538		-0.885	1.065	0.505	0.475
0.5825		0.8025	8.722	0.00125			0.6325	0.7525	
-0.4175			8.042	0.00125	-0.76	0.0025	-0.0475	0.0725	
-0.54	0.17	-0.22	8.88		0.1175	-0.02	0.51	0.37	0.02
0.008125	-1.022	-0.7719	4.768	-1.573			-0.2419	0.1781	-0.6819
-0.5509	-0.03094		0.2791		0.7766	0.3291	0.7991	0.4391	-0.04094
0.6691	0.2691	-0.08094	-0.4209	0.8378	-0.3534	-0.3409	0.7691	-1.001	-1.171
0.28	0	-0.51	2.55	-2.251	-2.352	0.64	-0.59	0.27	0.16
	0.54	1.46			-0.7225	-2.42	-0.27	-0.39	-0.18
0.1006	-1.249	0.07062	-0.9494	1.029	-0.4319	-0.8194	-0.5294	0.1906	1.061
0	-0.06	-0.99	-1.58	0.01875	-1.622	-0.58	0.35	-0.28	0.15
-0.44	-0.29	0.01	-0.01	1.199	-1.262	-1.45	-0.54	-1.31	0.61
-0.16	0.62		0	-0.4412	-0.3825			-0.13	1.38
1.151	0.5112	-1.039	-0.5688		-0.3912	-2.719	2.231	1.541	
0.2306	-0.5194		-1.619		0.1681	-1.739	0.2706	0.6706	0.1306
-1.08	0	0.49				-2.49	1.62	-1.42	
	0.3306	-0.09938			0.2681	-3.089	1.211	-0.5494	0.08062
0.25	0	0.73	-0.63	0.2688	-1.492	-1.51	0.15	-1.44	-0.19

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.54	1.99	0.75	-0.51	-0.6512	-1.482	-0.21	-0.04	-0.39	
1.88	0	-0.32	-0.8	2.299	-3.262	-1.5	1.5	1.82	2.06
0.93	-1.38	-0.02	-1.65	2.139	-2.632	-1.97	1.78	-2.24	1.19
-0.065	0.455	-0.365	0.065	1.404		-1.725	0.135	-0.265	
-0.275	0.005	0.085		-1.026	-1.107		0.355	-0.225	
-1.48	3.23	0.77	-2.22	1.529			-0.95	-1.89	
1.045	1.655	1.885	0.215				-1.735	0.595	-1.065
-0.06875	0.5412	1.541	-0.8788		-3.651			-1.009	
1.12	0.03		-0.53		-1.242	-0.22	0.22		
3.14	0	1.62		0.9988	-0.5325		-0.26	-0.8	0.12
0.5606	0.7106	1.981	-0.03938	1.359		-0.8594	0.4806	-0.7894	-0.4994
0.5812	1.341	0.9412	-0.4888	1.47	-1.941	-1.499		-0.1387	-1.029
-1.13	-0.29	1.12	0.14		-2.442	-0.24	0.66	-1.12	-1.41
-0.63	0.25	-1.28	-0.92		-1.942	-1.95	0.09	0.07	
0.32	0.7	0.05	0.73			-0.83	-0.08	-0.05	-0.52
0.2156	0.5856			-0.9656			2.026	0.8856	
0	0.05	-0.25	0.1	0.9088	0.0375	-0.35	0.8	0.33	0.95
-0.2088	-0.08875	-0.3988	0.6412	-0.38	2.129	0.1112	0.1313	0.2513	
0.98	1.21	0.36	1.54	0.9688	1.708	-2.16	-0.55	0.61	5.37E-10
-0.2	0.59	0	0.32	0.05875	0.2275	-0.33	-0.03	0.47	
-0.4538	0.6262	0.2062		0.005	0.5738		-0.3637	-0.2337	0.06625
-0.635	1.195	0.495	0.175	-0.4962	0.1225		-0.165	-0.795	-0.065
-0.12	0	-0.59	-1	-0.8912	-0.5625	0.41	-1.23	-0.67	0.62
0.6612	-0.1688	1.661	-0.08875	2.66	-3.231	2.131	-0.03875	0.03125	4.331
-0.12	0.17	-0.02	0.35	-1.081	0.5875	0.08	-0.03	0.07	0.82
-0.505	-0.285	0.375	0.105	-1.056	0.4925	0.285	1.195	-0.285	
-0.4175	-0.0775	0.0725	0.1225	0.00125	0.74	0.4925	0.0025	0.2125	0.6625
0.22	-0.08	-0.57	0		-0.7025	-1.37	-0.75	0.36	-0.05
	-0.9688	-0.00875	3.121	0.01	0.7188	-1.359	0.2113	-0.00875	-0.6588
0.03	-0.63	0.77	-0.07	-0.8712	-2.082	3.97E-10		-0.17	1.40E-10
-1.86		-1.39	1.25				-0.16	0.16	-1.43
-0.1488	-0.7888	-0.7588	0.01125	0.78	0.4788	-0.09875	-0.6187	-0.3887	-1.709
	-0.1775	0.3325	-0.7075	0.00125			-0.2175	-0.8675	
-0.16		0	0.2	-0.5212	-0.8325	0.34	0.21	0.3	0.45
-0.2	0	-0.89	0.83		1.128	-0.55	-0.38	-0.06	-0.21
-0.23	0.18	0.62	0.3	1.339	-0.1825	-0.76		-0.23	-0.18
-0.44	-0.67	0.85	0	0.3488	-1.152	2.19	-0.21	1.39	2.7

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
2.908	0.3581	3.888	0.1181	0.3569	-1.444	-0.9219	0.6681	-0.6119	-0.3819
	0.165	1.395	-1.895	1.674	2.263	0.015	-0.505	-0.015	-1.235
-0.3988	1.051	-0.2588	0.1712	1.12	-1.151	0.1812	0.6013	-0.2087	-0.4688
-0.255	-0.015	0.535	0.915	-0.8262	0.3225	0.055	-0.135	0.015	
1.75	-0.64	1.73	3.48	-0.9212	2.538		0.62	-0.76	
-0.2894	-0.3894		2.611	0.1994		0.1006	-0.1894	0.2106	0.8906
-0.09188	1.098	1.638	-0.7219	-1.263	0.3956	-0.5819	0.8681	0.3681	0.7781
0.3491	-0.05094	0.06906	-0.1909	-0.2122	0.8866		-0.4309	0.3991	0.6591
-1.105	-0.315	-0.175	0.415		-1.447	-0.645	-1.205	1.435	1.555
-0.14	0.92	0.6		-0.5212	-0.3425		-0.55	-0.75	
0.2081	0.1481	0.03812	0.4281	1.267			0.5181	-0.3119	-1.562
-0.13	-0.31	0.11	0.76	0.4088	0.8275	0	0.13	0.56	-0.04
0.5	0.42		-0.49		1.388	-0.25		-0.33	5.37E-10
3.298	2.068	1.818	-0.8819	-0.1631		1.768	1.148	-0.3419	-0.6819
1.426	1.396	0.2956	0.5256		-0.4769	-0.3644	-0.7044	0.8556	-0.9044
-0.12	-0.68	0.44		-1.611	-2.082		-0.09	0.12	
-0.5	1.14	-0.55	0	1.139	0.2275	0.2	-1.15	-1.03	0.58
-0.22	-0.18	0.94	1.51	-2.261	-2.172	2.6	0.52	1.47	-0.11
0.705	1.195	0.095	-1.475	-0.9062	1.813	0.645	-2.695	0.885	
1.69	-0.41	0.81	-0.51	-0.8312	-0.3125	2.55	-0.65	2.13	-1.91
1.616	-2.084	0.01562			-1.487	2.866		2.196	
1.64	-1.29	0.8097	-1.42	0.4984	-1.483	3.12	-0.9203	2.54	-1.5
0.45	-0.83	-0.09	0	0.05875	-0.7225	1.96	-0.35	0.3	0.13
-0.27	0		0.61		-1.642	-0.44	-0.14	-0.28	0.09
-1.232	0.4381	-1.172	-0.9919	-1.613	0.8156	0.5681	-0.4919	1.328	-1.592
0.81	0.07		-1.18	-0.7312	0.8475		0.31	0.7	-2.53
0.2912	2.051		1.781	-1.92		-1.239		0.08125	1.041
-0.16	2.38	0.36		-1.291	-1.172	-0.8	-0.72	0.4	
1.41	2.77	1.81	1.02	-1.111	-1.092		0	-0.41	
-0.765	-1.015		-1.885	-0.6363	-0.1975	0.505		-0.055	0.055
-1.175	0.375		-0.455	0.04375	-2.727		0.585	0.125	-0.025
0.7281	-0.6619	1.198	2.638			-0.9919	1.208	-1.432	
0.55	0.42	0.8		1.019	-0.1525	0	-0.14	-0.27	0.06
-0.01	2.36	-0.5	-0.12		0.4275	1.41	0.44	0.65	0.8
0	0.93	2.8	0.14	-1.341	-0.5225	1.06	0.94	-0.39	
-0.05875	0.2912	3.761	0.2612	-0.5	0.4088	0.2112	0.5213	-0.4087	0.08125
-1.46	2.41	3.92			-3.972		0	-1.66	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.7091	2.779	4.399	-1.441	1.028	-0.7834	-1.141	1.089	-0.4909	
-0.88	0.36		-0.66				0	-0.27	
-0.42	1.25		0.88	0.9088	-1.022		-0.21	-0.62	0.6
-1.77	0.34		-0.15		-0.7025		0.63	-0.74	5.37E-10
3.156	0.6656	1.896	-0.7044	4.234	-2.587	-0.2044		-0.5744	
-0.05	0.34	0.59	0.91				0.42	-0.46	-1.49
0.06	0.06	0.85	0.13	4.209	2.198	-0.53	-0.33	-0.12	-0.06
0.2712	-0.1688	1.171	0.6612		0.5888	-0.7488	-1.939	0.3213	-0.08875
1.556	-0.4244	-0.2944	0.02562		0.4631	0.9056	-0.3444	0.2956	-0.05437
0.6625	1.012	0.7025	0.0225		0	-0.3875	-0.2875	0.0925	-0.7175
0.42	-0.4	0.48	-0.2	4.959	2.338	0.01	-0.59	-0.01	0.38
0.785	1.125		-0.035	5.804	2.703	-0.745		0.645	0.035
-0.31	0	1.5		2.699			0.32	-0.84	
1.328	0.7681	3.078	0.1581	6.317	-0.8644	-0.6219	0.1081	-0.03187	0.4181
-0.215	-0.825	2.145	3.395	6.444	-1.557	-1.115	-0.165	-0.455	
-0.4094	-0.1194	2.291	-0.6094	7.199	-1.752	-2.309	0.4406	-0.6594	-1.689
3.01	-0.8		-0.73			0.57	0	-0.29	0.33
-0.025	0.525	1.645	-1.505	5.704			0.025	0.725	
-1.285	-1.635		-0.805	6.954	0.6325	-0.925	0.245	-1.115	0.335
-0.135	-0.015		0.015	2.744	-1.717	0.575		0.255	
-0.8044	-0.4944	1.446		1.184		0.9756	-1.084	2.086	
-0.66	1.01	1.05	0.27	-0.00125			0.16	0.51	-1.52
-1.09	0.91	1.61		1.459		0.04	-0.04	1.08	-1.88
0.21	-0.95	-0.61	-0.75	0.05875	0.8075	4.72	-0.2	0.11	5.37E-10
0.87					-1.642		-0.35	0	
-0.9188	0.5412	-0.08875	-0.1888			3.041	-0.6787	-0.5587	0.3512
0.59	0	-0.77	0.06	0.5588	3.538		-1.04		-1.46
0.7506		0.5806			4.678			-0.3794	
0	1.05	0.4	0.53	2.499	2.008	1.26	1.08	-0.14	-0.92
0.365	0.725	0.775	0.895	1.364	1.773	0.045	-1.075	-0.545	-1.315
0.19	-0.28		0.84	1.599	1.708		-0.33	-0.3	-1.2
-0.3109	1.659	3.019	-0.1309	0.6178	-0.9634	-0.9009	0.2791	-1.631	
-0.65	0.71	0.31	-0.15	-0.8812	-1.362	-1.55	1	0.09	0.11
0.75	0.21	-0.45	0	-0.6712	-1.102	-1.49	0.23	0.34	-1.2
0	-0.11	-1.44	-0.37	1.019	0.5275	-1.52	0.3	-0.76	-0.08
0.5641	-1.136	-0.6859	-0.9459			1.354	-1.116	-1.176	-1.916
0.12	0	-1.16	-0.04	-0.3812	1.208	0.59	-0.05	0.04	-1.01

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.095	-1.025	-0.195	1.545	4.794	4.013	-0.215	0.765	1.355	0.195
-0.05	-0.59	-1.15	1.02	-0.1712	3.058	0	1.28	0.63	0.34
-1.49	-0.65	-0.96	3.04	1.639	4.358	-0.21	-1.81	-0.49	5.37E-10
0.16	-4.38	-3.37	1.07	-0.3013	0.8275	-0.83	-0.86	0	-2.41
0.26	-2.45	-1.02	1.3	-2.351	1.478	1.16	-0.22	-0.43	0.3
-1.322	-3.812	-3.462	3.098	-2.143	2.196	0.5681	-0.4819	0.2681	1.188
-1.639	0.09125		2.111	-1.04	0.7188	0.8913	1.411	-0.9187	0.3313
-0.09	-0.25	0	-0.78		0.0975	0.64	0.97	-1.18	0.79
-1.45	-1.14	-1.7	0.19		1.488	0.42	2.61	-2	0.24
-1.1	-2.18	-0.02	4.17	-1.391	-0.2625	0.75	1.41	0	2.73
-1.429	-2.089	-1.689	3.721	-2.81	0.09875	0.8313	0.3913	-0.4787	2.361
-1.84	-0.46	0.42	1.06	-0.6212			0.82	-0.85	
-0.1519	-1.172	-0.9519	-1.452	0.9369	-1.184	-0.1019	1.548	0.04813	0.01812
-2.436	-2.616	-1.336	1.904		-0.9284	-1.646	0.9841	-1.026	
-0.8288	-1.179	-1.319	1.521		-2.121	2.601	1.401	-0.7387	0.2812
-0.17	0	-1	-0.55	-0.4812	-0.8525	2.78	1.83	-0.79	-0.46
2.302		0.2425	2.562		0	1.322	1.022	-0.0675	2.922
3.835	-0.865	-0.935	3.775			2.065	2.765	0.135	3.975
1.83	-1.34	-0.79	1.2	-0.5513	0.0675	0.71	0	0.81	0.73
-0.03	-0.3	0.91	5		-0.7125		0.98	3.37	
-0.1894	0.4306	-0.2494	0.8306	-0.5806	0.9481	1.621	1.821	2.391	1.791
0.12	0.24	0.65	0.49	-0.6313	0.1875	-0.63	0	0.29	-2.91
0	0.72	0.71	0.52	-1.091	-0.1725	0.35	0.24	0.69	0.29
-0.7309	0.9591	0.9591	-0.02094			2.279	-0.2609	-0.7609	-0.04094
0.76	0	0.73	2.14	-0.4412	1.618	0.4	-0.21	2.28	-0.65
-1.18	0.1	-0.03	1	-3.151	1.558	2.54	1.15	2.14	-1.04
0.1556	-1.244	-2.074	1.626	-3.676	4.323	1.726	1.806	2.056	1.696
0.775	0.085	-0.255	0.585	2.864	1.513	-0.175	0.255	0.575	0.655
0.62	0.07		0.67	3.109	1.528	0	-0.03	0.87	1.05
0.105	-0.105	0.335		1.724	2.063	0.255	-2.025	1.345	-1.515
-0.81	-0.63	-0.67	-0.04	2.549	1.778	0.43	0	2.13	-0.43
-0.09	-0.1	0.36	0.69	1.949	1.098	0.17	0.19	-1.27	-0.69
-0.3	0.25	0.16	0.71	0.7687	1.328	0.53	0	-0.09	-0.05
2.201		-0.3888	-0.3088	4.27	3.889		2.291	-0.1787	
0.565	-0.065		-0.015	3.904	4.753		0.015	0.505	
0.09	0.31	-0.72	-1.27	3.449	1.678		0.74	0.86	5.37E-10
-0.5887	0.3712		-0.07875	2.89	2.599	1.181	0.2113	0.2613	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.22	-0.67	-0.96	0	1.239	2.228	0.11	0.39	0.97	0.72
1.57	-1.91	-0.28	-1.49	-0.1612	1.498		1.92	1.28	5.37E-10
1.261	0.3412	-0.3688	-2.269	1.38	1.239		-0.8887	0.2713	0.04125
-0.01	0.47	0.46	2.34	0.6887		2.34	0	0.16	-0.91
0.01125	-0.8088	-0.3088	0.5012	2.21	1.269	-0.06875	-0.4187	1.971	-0.9988
0.29	0.03	-1.1	0.84		0.9775	-0.11	-0.48	0.57	-0.03
0	0.98	-0.74	0.75	0.4488	2.328		-1.39	1.67	0.08
-0.1138	0.4062		-0.6638	0.135	0.07375	1.056	-0.07375	1.676	1.046
0.09	-0.67		2.45	1.689	2.348	-2.98	-0.12	0	0.17
0.39	0	-0.14	1.79	0.8388	1.718	-5	-0.33	-0.01	0.61
-0.02	0	-1.09	1.69	1.079	-1.432		1.86	0.57	2.47
-0.08438	0.2056	-0.8244	0.5456		0.1831	-1.504	0.5256	0.08563	0.8756
1.57	2.64	2.34	1.76	2.909	-1.262	-1.82	0.52	1.77	5.37E-10
1.27	1.63	0.25	3.01	2.259	-0.9025	-1.14	-0.24	2.22	5.37E-10
-0.1319	0.3781	-0.2619	1.238	1.327	2.436	1.278			-0.7519
1.57	-0.14	-0.43	0.89	1.019	1.208	1.24	0.23	1.26	-0.14
1.27	1.63	-1.99	2.99	2.309	1.568	-4.18	2.67	-1.79	-1.56
5.70E-09	0.06	0	2	1.559	0.2275		0.59	-0.46	-1.12
0.11	-1.3	0.05	2.2	0.2588	1.088	0.23	-0.86	0.26	-0.5
1.39	-2.48	-0.16	2.58	0.9288	0.5975	0.23	0.22	0.91	
5.23E-09	-0.16	-0.56	0	0.5288	2.028	0.06	-0.17	0.7	0.46
0.9	0.3	-0.08	0.06	0.4687	1.058	1.48	-1.03	0	-0.16
0	0.95	0.54	1.68	-0.01125	1.758	0.58	-0.32	-0.2	-0.03
1.38	1.07		2.48	1.429	2.308	0	-0.5	-0.48	-0.51
0.9713	-0.4588	-0.5888	1.881	1.79	2.779	-0.1287	-0.7587	0.5613	-0.9887
-0.47	0.09	0.27	0.57	0.7788	1.738	0.4	-0.33	-0.56	-0.22
0.07	0	-0.78	1.23	1.349	1.028	0.94	0.4	0.77	0.92
0.48	-0.08	-0.66	1.37	1.319	0.8875	2.73	0	0.76	0.92
0.07	0.07	0	0.1	0.4488	-0.0325	0.67	-0.36	0.64	0.52
-0.005	0.625	0.085	0.425	1.324	1.973	0.005	-0.585	1.235	-0.415
0	-0.17	0.29	0.73	0.03875	1.378	0.14	-0.89	0.88	-0.54
0.05	-0.59	-0.13	1.33	0.5388	3.798	0.8	0.72		-0.05
-0.815	0.055	-1.015	1.655	0.9438	3.833	0.015	-0.405		-0.015
-0.56	0.33	-0.79	0.53	0.2688	1.398	-0.23	-0.16	1.31	0.18
-0.27	1.11	-5.02E-09	1.57	1.779	1.488	0.46	0.41	0.7	5.37E-10
0.7	1.63	0.29	0	-0.4012	0.6575	0.25	-0.29	0.12	0.65
0.06406	0.4741	0.1041	-0.3859	0.5228	0.8916	0.1041	-0.2459	-0.1459	-1.156

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.00125	0.6812	0.1912	1.101	0.2	1.419	-0.8988	-0.9987	0.4813	-0.1688
0.6769	0.7769	0.3869	0.7469	-0.004375	0.5044	-0.2731	-0.4531	0.4369	-0.1231
0.7706	0.7606	-0.5094	0.8806	0.2994	0.2881	-0.6794	-0.1594	0.9306	-0.1994
0.1212	-0.2588	-0.5788	0.6412	-0.04	0.08875	1.231	0.7013	1.211	0.7512
0.7	0	-0.68	0.08	0.8388	1.778	0.2	-0.7	-0.08	0.11
0.21	-0.04	0	0.01	0.8188	0.4775	0.17	-0.77	0.03	-0.43
-0.96	-0.32	-0.4	1.15	2.069	2.848		0	0.58	0.02
1.09	-0.01	-0.54	1.26	2.139	0.2475	3.89	0.61	2.57	1.33
0.57	0.06	-0.27	1.27	0.1388	1.258	0.83	0.19	1.48	0.47
0.1613	-0.5688	-0.9488	0.1312	0.59	0.3388	0.02125	-0.7087	0.4913	-0.2887
0.2912	0.4812	-1.809	0.7912	2.12	1.359	-1.239	-0.4387	1.051	-1.029
0.37	0.21	-1.01	0.88	1.069	1.488	1.1	-0.07	0	1.38
0.5241	0.6641		1.024	1.353	0.9616	-0.02594	-0.4159	0.8241	1.704
0.92	0.18	-0.38	0.57	0.7988	0.2375	-0.32	-1.18	0.11	-0.51
0	0.54	0.51	1.23	1.399	1.018	0.74	-0.72	0.19	-0.8
0.2	0.28	0	0.56	0.8288	1.348	-0.05	-0.32	0.84	0.02
0.79	-0.01	-1.3	0.13	1.009	0.1375		-1.21	0	-0.52
0.22	0.36	-0.65	1.63	1.639	2.348	-0.03	-0.37	1.88	1.2
0.89	0.49	-0.19	2.14	2.099	2.848	-0.08	0	2.49	1.47
0.6081	0.3681	-0.1119	0.4681	1.187	1.066	-0.4119	-0.6619	0.1981	1.258
0.69	0	-0.7	0.48	0.5788	0.9475	1.11	-0.13	0.53	-0.42
0.49	1.43	-0.19	0	0.4388	0.9675	-0.88	-0.46	0.91	-0.24
-0.1	0.28	0	-0.08	1.499	2.158	0.08	-0.71	0.93	-1.16
0.08	0.33	0.06	0.14	1.269	0.2075	0.07	-0.23	0	-0.44
0.47	0.02	-0.58	0.67	0.5387	0.3575	0.8	0	0.4	-0.16
0.04	0.53	-0.05	0.99	0.7188	1.688	0	-0.4	0.78	0.27
-0.00875	-0.1988	-0.9088	0.2312	2.2	2.339	0.7913	0.4713	1.541	1.401
0	0.43	-0.72	1.74	1.549	1.618	0.13	0.48	1.22	0.92
0.25	0	-0.23	2.25	0.9188	2.598	-1	0.53	1.1	1.4
0.44	0.96	-0.28	2.25	1.809	1.868	0	0.34	0.5	-0.1
-0.1788	-0.03875	-0.8588	2.391	1.98	1.919	0.2412	0.2413	1.321	0.5012
-0.5488	0.3012	-1.309	2.621	1.97	1.999	0.4312	0.3313	1.381	0.1312
0.17	-0.66	-0.38	1.81	1.999	2.488	0	0.39	1.44	0.2
0.25	0.2	-0.24	1.59	1.419	3.038	-0.12	0.62	0.84	5.37E-10
-0.46	0.39	-1.17	1.1	1.759	1.578	0.55	0	1.09	0.23
0.45	0.92	-1.13	0.83	2.039	1.698	0.3	0.27	1.52	5.37E-10
-0.245	0.245		1.435	1.494	1.583	0.865	0.335	0.925	1.885

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.01	0.6	0.1	0.99	1.179	1.208	1.27	-0.94	1.4	5.37E-10
0.81	0	0.61	0.41	0.8388	1.968	0.89	-1.11	0.77	-0.15
0.08125	1.351	-0.8088	0.6412	0.44	1.089	0.1013	-0.5987	0.5613	-0.03875
0.2512	1.231	-0.8488	0.5512	0.55	1.009		-0.6087	0.4413	-0.08875
1.192	0.8825	-0.5975	0.4125	-0.3288	0	-0.6675	-0.9375	0.5425	0.2325
0.62	0.44	0	0.05	0.9688	0.2775	-0.48	0.04	0.83	-1.29
0.6012	0.2612	-0.08875	0.5912	-0.44	0.4588	0.1212	-0.6187	0.8613	0.03125
0.06	0	-1.03	0.9	0.6988	1.038	0.6	-0.66	1.24	0.95
0.78	0.41	-0.22	0.44	0.07875	0.8375	0.3	-0.16	0	-0.55
	-0.3559	-0.4459	-0.08594	0.1728	0.7116	1.304	-0.6759	0.7941	0.4341
1	0.82	0.24	2.49	-0.4112	0.9975	-0.23	0.2	0.45	0.81
-0.36	0.56	0.03	1.05	0.1687	0.8475	0.51	0	-0.49	0.23
-0.19	1.6	0.33	0.34	-0.00125	1.558	-0.91	-0.31	0.87	0.3
-0.23	0.13	-0.38	0.7	1.209	1.298	0.22	-0.41	0.72	5.37E-10
-0.2	0.17	0	0.59	1.249	1.468	-0.02	-0.76	0.89	-0.29
-0.4488	0.2412	-0.8188	0.2312	0.84	1.129	0.7712	-0.1087	0.7013	0.7312
0.7925	0.0325	-0.2975	0.7425	0.00125	0.87	0.0425	-0.4075	1.113	-0.1875
1.27	0.24	-0.15	1.15	0.2488	1.478	-0.07	-0.61	1.37	5.37E-10
0.67	0	-0.02	1.17	1.069	2.398	0.3	0.02	1	-0.09
0.49	0.39	-0.27	2.63	1.079	1.628	-0.25	0	0.91	-0.91
0.11	1.01	-0.49	0.65	0.3088	0.8675	0	-0.73	0.48	0.04
0.09	0.13		1.63	0.8087	0.9875	0.46	-0.09	0.96	1.02
0.4112	0.5512	-0.2688	1.081	1.79	1.059	0.7812	-0.4987	1.411	1.911
0.45	0.73	-0.14	0.48	0.2588	0.5275	0.41	0.2	0.69	-0.36
0.59	1.08	-0.25	0	0.1688	1.628	1.44	2.02	1.04	-0.06
0.5212	-0.3588	-0.7088	0.6912	1.04	1.619	0.4812	-0.1687	0.2613	0.1412
0.58	-0.15	-1.01	1.35	2.079	1.378	0.59	-0.24	0.62	0.72
0.4981	-0.1719	-1.112	1.298	2.237	1.516	0.6381	-0.3219	0.5481	0.5581
-0.285	0.775	0.135	0.295	0.6338	0.2525	2.725	-0.135	1.565	0.565
0	0.07	-1.18	1.26	0.2488	0.3975	0.59	-0.15	0.64	0.7
0.7906	0.06062	-0.009375	-0.4194	0.1194	1.678	0.06063	0.1206	0.4006	
-0.6687	0.04125	-0.7688	1.401	0.42	1.259	0.6113		0.6213	0.7113
0.2212	-0.1788	-1.709	0.8612	1.83	1.379	0.5913	0.1913	2.481	1.431
0.13	-0.03	-0.79	0.94	1.459	1.188	0.53	-0.09	0.93	5.37E-10
0.15	0		1.65	-0.6912	1.288	2.09	0.89	1.53	1.83
-0.2075	0.0125	-0.8175	1.222	0.00125	0.71	1.022	0.3625	1.213	0.7525
0.04	0.64	0.31	1.02	0.4088	0.8575	0	-0.38	0.6	0.35

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
1.67	-0.33	-0.54	2.12	1.849	2.328	0.11	-0.19	1.23	1.44
1.61	0	-0.37	2.01	1.719	1.218	0.27	-0.1	1.24	0.94
0.65	0	0.27	1.37	1.249	2.788	-0.75	0.57	1.53	0.52
0.38	-0.37	-0.23	1.88	1.219	1.118	0	-0.14	0.5	-1.74
0.6156	0.6556	-0.7844	0.4156	0.4144	-0.4469	-0.2544	-0.1044	0.4156	
0.25	0.03	-0.73	0.73	1.529	1.558	-0.22	-0.07	0.32	-0.55
0.95	-0.94	0.29	1.9	2.279	2.248	-0.05	-0.82	1.08	0.23
0.6712	0.4112	-0.3088	0.2912	0.86	1.609	-0.3288	0.3813	1.341	-0.09875
-0.3844	0.1156	-0.5544	1.086	0.8544	1.203	0.2356	-0.004375	0.3156	0.5556
0.8413	0.1512	-0.8888	0.9012	0.29	1.199	-0.9687	-0.3287	0.6313	0.2613
1.521	0.3312	-0.9088	0.7812	0.1	1.489	-0.5887	-0.3687	1.021	0.1513
0.83	-6.03E-09	-0.33	1.65	0.9288	1.188	0.76	0.44	1.08	5.37E-10
0.5612	0.3512	-0.8488	0.9612	1.26	0.6188	0.8012	-0.3687	0.5913	-0.02875
-0.05	0.52	-0.35	0	0.9588	-1.242	1.55	0.29	0.83	0.55
-0.67	0.34	-0.17	1.23	-0.05125	0.9375	0.18	-0.82	0.4	5.37E-10
0.1281	0.2481	1.098	1.758	1.657	2.286	-0.01188	-0.9719	-0.3019	-0.5019
-0.32	-0.02	0.17	1.21	1.359	2.088	0.24	0.09	1.48	
-0.1894	0.9406	-0.01938	2.791	1.839	2.398	0.7206	-0.2294	0.7706	-0.3094
0.8	0.76	-0.03	1.37	1.689	1.938	0.35	-0.09	1.47	-0.04
-0.52	0.04	0	1.9	0.9388	0.2475	1.83	-0.18	-0.02	-0.2
0.27	0	-0.24	0.23	1.259	1.268	0.79	0.03	0.25	0.02
-0.3538	0.1262	-0.1938	1.626	1.215	0.7138	1.146	0.5063	1.656	-0.3738
-0.025	0.035	-1.205	1.455	1.034	0.4925	1.075	0.025	1.575	0.235
1.28	0.95	0.67	2.72	0.8687	0.8075	-1.6	0.55	0	0.48
1.136	-0.3344	1.786	3.446	2.414	1.403	-0.3144		1.136	
-0.08	0.85	0.78	1.73	1.439	1.758	-1.15	-1.68	1.41	0.64
1.302	-0.2675	0.5225	0.7225	1.011	0	0.8125	-0.9475	0.8225	-0.9475
0.525	0.195	-0.325	0.545	0.5138	-0.4875	0.675	-0.195	0.465	-1.165
0.2	-0.15	-1.08	1.32	0.6688	1.408	0	-1.38	1.05	0.5
0.98	0.12	0.68	-0.27	0.6288	1.588	0.19	0.14	-0.34	-1.15
-0.99	0.55	0.06	0.47	-0.07125	-0.0325	2.13	0.67	1.47	2.38
-0.2875	-0.5275	-0.3775	0.1925	0.00125	2.03	0.1425	-0.3575	0.3825	0.5325
-0.41	0.16	0.04	0.75	-0.9412	1.018	0.21	0.39	0.37	-0.25
-0.09	0	0.67	1.47E-09	0.2688	1.008	0.57	0.38	-0.31	-0.34
0.6112	1.341		-0.07875	1.75	0.3688	0.4212	0.5813	0.2513	-0.7788
-1.55	-0.47	-1.78	-0.11	0.2087	3.438	1.02	-0.23	-0.05	
-0.0175	-0.4175		0.0825	0.00125	0.97	-1.118	-0.4975	-0.0175	-0.2175

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
1.298	-2.582	-1.162	-0.6419	-1.423	1.976	0.6581	-2.502	-0.7419	-1.122
0.16	0	-0.15	-0.17	-0.3712	0.1875	-1.26	-1.13	-0.62	0.28
-0.2859	-0.2159	0.4241	0.3141	0.1928	-0.5384	-0.4759	-0.7859		-0.7959
0.0225	0.2425	0.5825	0.4225	-1.409	0	-2.998	-1.708	-0.9275	-1.138
1	-0.47	-0.41	0.41	-2.561	-0.7925	-0.98	-0.2	-0.75	0.79
0.9	0	-0.01	1.44	-0.08125	-0.0025	-0.2	-0.88	0.43	-0.88
0.6019	-0.1581	-0.1981	0.9019		-0.05062	0.1119	-1.358	-0.8481	-0.2981
1.02	-3.08	0.42	-0.63	1.289	3.208	-1	-0.34	-0.19	-1.19
2.818	1.988	0.9581	-2.752	-2.693					
0.97	2.98	1	-2.97	1.259	0.9775	1.3	-0.7	0	0.09
2.85	2.62	-0.02	-1.24	1.499	2.108	-1.06	0.02	-0.29	0.91
2.12	1.8	1.29	-2.01	-0.1512	3.108	-0.76	-1.52	-0.84	-0.25
1.652	1.432	0.9625	-2.368	0.00125	2.67	-1.028	-1.657	-1.047	-0.3075
0.2356	-2.114	0.6656	2.986	-1.296	-1.207	2.026	1.126	1.346	-1.104
-0.1044	-0.6044	0.9056	2.166	-2.476		1.046	1.296	1.176	-1.374
-0.5494	0.2506		1.331	0.1194		0.6506	-0.3394	-0.7494	0.02062
-0.1994	-0.6994	-0.5694	0.7706	-0.8706		1.221	0.9906	0.7106	
-0.9319	0.6781	-0.08188	0.4881		0.3456	0.7381	-1.222	0.2881	0.5881
0.7991	-0.07094	-0.9509	0.1891	-0.6922	1.097	0.3291	-0.2109	0.8191	0.8791
-0.86	-0.1	-0.49	0.92	1.029	0.6175	0.04	0.07	0	0.44
0.3512	-0.3688	-0.2988	3.341	1.21	1.529	-1.269	-0.4087	-1.389	-1.109
0	-0.08	0.19	0.92	0.9588	1.518	-0.5	0.43	-0.51	0.11
	2.68	0.92	-0.51	1.849	-0.7525	-1.82		1.01	
0.3041	0.1841	-0.5659	0.9241	1.193	1.072	-0.06594	-0.09594	0.2541	0.6941
5.70E-09	0.07	0	0.12		0.3175		0.57	0.17	-0.2
0	0.39	0.22	0.54	-0.1612	0.5375	-1.48	0.64	0.59	0.56
0.6112	0.04125	0.6812	0.2812	-0.18	0.8888	0.1012	-0.3287	-0.1087	0.2712
0	-0.15	-1.14	-0.25	-0.2512	0.0075	-0.71	-1.47	-0.48	0.1
0.2612	-0.5388	1.101	0.8812	-0.91	1.189	-0.1488	-0.7787	-0.6587	-0.5788
0.3581	-0.7919		0.6181	1.077	0.7856	-1.162	0.02813	-0.2919	
-0.87	0	-0.17			4.558			0.13	
0.57	0.31	-0.15	0.16		0.3675	-0.62	-1.11	-2.43	0.41
1.228	-2.102	0.6081	0.3181	1.387	-2.094	0.7781	-2.022	-0.3819	2.988
2.39	0.58	-0.78	0.61	-0.8512	-0.6125	-0.29			-0.01
0.75	-0.33	-0.2	0.12			0	-0.78	-0.03	-0.06
0.4	0.13	1.4	0	-0.8812		0.7	-0.35	-0.23	0.88
			-0.4219			0.5381		-0.08187	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.045	-0.425	-0.885	0.045	-1.486	-0.7575	0.915	-0.165	-0.155	0.385
0.44	-0.78	0.51	-0.68	-0.02125	-1.482	-0.87	0.43	0.31	5.37E-10
0.21	0.18		-0.03	0.4987	-0.4125	-0.47	-0.55	0	-0.46
-1.045	0.805		0.325		-0.1575		-1.965	0.055	
2.5	-0.25	0.46	0	0.3988		-1.92	1.35	2.32	1.7
2.681			0.9312	-0.57	-0.7512		0.9613	1.641	0.6112
2.2	0.21	-4.66E-10	0	0.1988	-0.5625	-1.54	1	1.47	0.62
1.86	0.28	0.85	-0.01		0.7675	-0.79	-0.06	1.23	0.03
3.522	-0.05813	0.5019	1.722	0.9206	0.03938	-0.2981	0.9319		0.9419
3.08	-0.08	2.24	-0.32	0.7688	0.4575	-1.1	0.8	-0.13	-0.22
4.111	-0.03938	0.7706	-1.419	1.259					
3.48	0.38	1.86	-0.51	1.669		5.70E-09	0.21	-0.71	
-0.3831	0.1869	0.7469	-0.4531	0.2556	0.03438	-0.6231	0.3169	0.3869	-0.8131
0.7206	0.3206	0.3306	-0.4594	-0.7306	0.1481	0.6206	-0.1694	-0.6394	-0.6894
0	1.47	-0.12	0.51	0.3488	1.138			0.53	-1.40E-10
0.28	0	-0.05	1	0.3788	0.6175	0.26	-0.04	0.44	0.16
-0.405	0.425	0.005	-0.005	0.1438				-0.055	-0.955
0.4291	0.7891	0.6191	0.4691	-0.3722	-0.6734	-0.4109	1.649		-0.09094
-1	0	0.49		-0.6612	3.248			1.75E-08	
-0.2	0.1	-1.4	3.19	2.579	3.318	1.86	-0.1	3.67	2.08
-0.105	0.105	1.215	3.505	-0.1462	2.993		-0.615	2.025	0.895
-0.035	0.045	1.345	0.655		1.603	-0.905	-1.575	-1.405	-0.985
1.158	1.078	0.1981	-0.8219	2.757	1.766	1.158	-0.9919	-1.632	-0.2019
2.09	2.12	1.6	-1.37		2.518	1.85	-0.32	-0.76	
1.485	0.185	1.535	1.055	1.554	2.173		-0.715	-2.505	-1.535
1.5	-0.47		0.96	3.319	2.248	0.63	-1.11	-2.34	
1.14	0.11	0	0.44	1.729	1.688	0.58	-0.69	-0.68	-0.82
1.57	-0.08	1.83	1.04	2.869	3.368	-1.32	-1	-1.05	5.37E-10
1.091	0.6812	0.2612	-1.399	0.56	2.599	-0.1188	0.1113	-0.6187	0.5112
0.8212	0.6812	0.5912	-1.779	0.57	2.659	-0.6288	0.06125	-0.7787	0.3312
0	-0.17	0.51	-2.69	1.949	4.268	0.76	-0.2	0.1	0.17
-0.06938	0.4506		0.09062	2.049	3.998	0.1106	-1.079	-0.6894	0.07062
-0.85	2.44	-0.56	4.62	3.139	3.638	-0.04		-1.24	-1.59
-0.275	0.755		1.485	2.324	3.973	-0.975	0.515	0.025	
0.5081	0.2281	0.7981	4.458	1.527	3.536	-0.9519	0.5881	-1.462	0.8281
1.42	-0.83	1.27	0	2.719	3.948	0.21	-0.6	-0.29	-0.08
0.3891	1.999	-0.4309	0.5891	-0.1922		0.1991	-0.1609	-0.3609	0.5091

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.17	0.68		0.88	0.3788	4.978	-1.02	-0.61	0.29	
0.89	0.82	0.11	-0.42	-0.4812	3.008	-1.09	-0.89	0.11	5.37E-10
3.694	0.2341	1.744	3.514	-0.5172	6.072	-2.056	0.1141	0.2341	
0.82	0.22	-0.58	-1.26	-0.9813	5.258		0	-0.51	0.83
4.42	2.08	0.93	-0.43		8.358	-1.29		0	
3.09	1.05	0.9	-0.78	1.699	6.798	0	-0.05	0.56	-1.54
-0.55	0.17	2.12	-0.26		4.308		0.03	0.15	-1.37
0.98	0.58	1.2	-1.04	-1.461	4.058		-0.65	0	
0.05062	-0.1994		0.6806		2.838		0.2606	-0.5894	
0.4063	-0.03375	-0.6738	-0.03375	0.035	5.054	0.6063	-0.5737	0.1363	-0.07375
-0.1744	0.2456	-0.1044	-0.1244		4.063	-1.294	0.3556	-0.1944	-1.884
0.265	0.585		0.065	-0.9662	4.553			-0.265	-0.065
0.84	0.92	1.42	-0.06	-0.3813	5.738	-0.9	0	-0.05	
0	0.06	0.14	0.08		1.638	0.08	-0.5	-0.15	
-0.2894	-0.07938	1.311	3.581	-2.151	3.558	-1.369	0.1006		-0.7694
0	-0.35	1.22	1.22	-0.9012	7.948	-0.05	0.19	0.02	-1.18
0.635	0.295	1.535	-0.955		7.393	-0.335	0.095	-0.415	0.905
0.625	1.335	1.775	-0.415	2.044	7.133	-1.055	0.615	0.015	-0.015
-0.33	0.02	-0.43		0.1888	5.558	0.72	-0.51	0.3	0.84
0.12	-0.07	0.11	0.4	-0.1912	5.318	0.16	0.17	-0.25	5.37E-10
0.2806	-0.009375	0.6006	0.9206	-0.3006	9.138	-0.6194	0.3306	0.6706	1.421
-0.04937	-0.07938	0.2706	1.391	0.1094	8.898	-1.529	-0.2594	0.1206	1.511
0.24	-0.01	-0.42	0	-0.00125	6.638	0.05	-0.17	0.03	-0.18
0.6981	-0.1519	1.248	-1.022	0.7669	7.246	0.07812	0.1281	-0.4819	1.808
0.45	0.05	1.08	2.74	0.4988	8.498	-2.62	0.79	0.45	5.37E-10
0.37	0.2	-0.02	-0.37	2.289	5.548	-1.25	0.18	0.02	-0.45
1.96	-0.54	0.19	3.02	0.2487	2.578	-1.41	-0.41	0	-0.32
0.5825	-0.9375	0.5125	4.442	0.00125	4.77			-1.057	
0.8491	-1.241	0.2791	4.819	2.548	3.947		2.669	0.07906	-0.5709
0.27	-0.44	-0.69	4.26	4.009	1.538	-0.49	0	0.95	2.31
0	-0.45	1.07	3.75	6.229	3.258	-0.2	1	0.41	1.09
-0.6709	-0.6009	-0.0009375	1.409	0.9378	3.137	-0.7109		0.009063	-1.101
0.08	0.03	1.88	0.11	2.409	2.538	-0.54	-0.03	-0.13	0.2
	-1.029		2.301	5.56	3.229	-1.419	0.7513	-0.9587	
0.3041	-0.03594		4.004	2.573	5.152	0.6841	1.554	1.784	0.6541
-0.56	-0.87	-1	4.18	1.279	3.738	0.26	0.47	0.98	-0.22
0	-1.03		2.08	3.499	6.038		-1.36	1.54	-0.54

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-2.87		0	3.37	3.509	4.658	0.2	-1.6	-0.64	
-1.75	-2.2	0.9	5.36	4.859	6.348	2.3	0	1	-0.81
-1.42	-1.79	0.7797	3.19		3.847	0.5697	0.3197	0.1797	
-0.1188	0.8712	1.171	5.211	3.5			-5.069	-0.3087	
0.08125	0.4112	-0.4088	0.1512	3.91	5.659	-0.4088		-0.6787	
-0.44	0.32	-0.03	0.5	4.969	3.898	-0.96	-0.51	-0.12	-1.54
0.3491		1.369	3.359	3.798	3.497	-1.021	-0.4509	-0.2809	-0.6009
2.081	-0.4594	2.011	2.971	1.699	4.328	-1.019	-0.2494	-0.06937	-1.509
1.129	0.05906	0.6991	1.979	1.828	5.367	-2.181	-0.2309	-1.011	
1.707	-1.023	3.227	3.867	0.005625	8.014	-2.893	-0.3631	-1.243	
0	0.39	2.19	4.76	4.299	4.298	-0.31	-1.21	-1.61	0.14
-0.145	-0.665	0.035	4.345	2.754	3.823	-1.115	-1.535	-0.575	0.455
0.2756	-0.5844		5.486	4.134	6.733	-2.044	-1.094	-0.9744	-0.7844
1.57	0.23	2.74	3.3	4.129	5.378	-0.23	-0.38	-0.26	-0.99
2.661	-1.649	1.351	2.681	3.13	4.859	-0.6688	-0.4987	-0.1287	-0.2788
0.2491	0.2191	1.849			4.107	-0.07094	0.3891	-0.5509	
1.091	-0.4494	0.7906	3.941		4.248	-0.6394	-0.9294	-0.3094	0.2106
-0.1888	-1.339	0.4012	5.301	5.05	5.489		-0.1387	1.131	-0.9488
0	-0.08	1.87	3.78	3.119	4.468	-1.8	-0.15	-0.56	0.09
-0.9419	0.4181	1.818	2.948	5.027	3.596	-0.6019	1.318	-0.5319	-1.262
1.04	-0.93	-1.38	1.77	4.459	5.318	0.14	-0.85	-0.97	
0.23	0.15		3.1	4.019	5.428	-0.15	-0.2	-0.7	-1.63
-0.145	0.145	0.255	1.015		7.853	-0.455	0.645	-0.385	1.265
-0.5	0	0.75	0.01	5.599	6.928		0.08	0.08	
-0.33	0.02	1.57	0.89	3.989	7.618	-0.23	0.2	-0.02	-0.19
2.85E-09	-0.65	-2.85E-09	3.19		3.898	0.77		-1.41	
0.08563	-1.164	-0.5044	4.716	3.834	5.283	-0.03437	-0.6744	0.9956	0.2256
-0.545	-0.015	0.945	3.595		5.943	-0.445	-0.595	-0.375	0.015
0.4	-1.07	-1.36	5.35	5.459	6.528	2.68	0.01	0.41	5.37E-10
1.558	-0.7519	-0.3619	5.458	5.847	5.826		-0.2119	-0.09187	
0.165	-0.245	3.075	5.255	5.674	5.553			-0.285	
-0.055	0.005	1.115	5.465	2.804	5.673	-0.335	-0.005	-0.065	0.005
-0.11	-0.72	0.38	5.05	4.749	6.698		-0.06	0.06	
1.458	0.7081	1.028	4.198	4.547	4.896	0.2281	-0.2119	-0.6319	-0.9519
0.12	-0.66	1.61	3.28	3.549	5.668	-1.36	0.12	-0.88	1.03
0.945	-0.245	1.625	0.265	3.804	5.453	0.245	0.365	-0.365	0.455
-0.05	0.3	-0.06	0.55	4.769	6.008	0.05	0.09	-0.79	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.13	0		3.3	2.879	3.978	-0.21		-1.77	1.69
0.32	-6.03E-09	-0.12	3.82	4.199	5.198	1.38	0.23	-0.09	5.37E-10
0	0.01	-0.37	2.95	2.479	3.508	0.35	-1.12	0.32	-0.08
0.07	0.14	-0.65	3.44	2.109	2.328		0.59	0	-0.79
1.336	0.3056	2.266	6.486	0.4144	5.453	-0.5644		-0.2944	-0.1544
0.88	-0.78	1.09	2.52	3.849	2.798	0.15	1.19	-0.52	5.37E-10
0.9212	-1.349	0.6112	1.361		4.499	-1.119	-0.2687	1.221	-1.079
	-0.065	0.295	2.945	1.754		-0.945		0.065	
0.605	0.805	0.625	4.805	-1.066	3.013	0.195	-1.195	-0.195	0.325
0.09	0.19	-0.01	3.39	0.6488	2.968	1.38	-0.14	-0.1	5.37E-10
1.7	0.63	0.33	3.15	1.279	2.978	-0.78	-0.31	0.6	0.32
1.78	-0.32	0.51	-0.97	4.649	5.858	-0.92	-0.82	0.88	1.92
0.75	0.21	0.62	2.7	2.499	4.448	-1.73	0	0.52	-1.06
1.84	-1.71	0.84	2.61	2.009	2.298	-0.58	-0.91	-1.51	
-1.08	0.4597		0.3697	1.788	2.757	-0.6003		0.2897	-2.52
-0.2994	0.7906	0.4906	-0.3294			-1.169	0.1506	0.5706	-2.259
-1.152	0.3481	0.9881	-0.1119	0.9469	4.636	-2.232	0.2281	0.3081	-1.482
-2.309	-0.2288	-1.079	0.6512	0.96		-0.4487	-0.8487	0.3413	-1.639
-0.3788	-1.059	0.6812			0.9288		0.3113	-0.1187	
-0.2159	0.7941	0.1441	2.044	3.633	0.6316		-0.4159	-0.7159	0.1441
-1.56	-0.46	1	-1.09	4.539	-2.292		0.29	0	
0.58	-0.45	0.48	0.28	7.659	-1.082	-2.64	0.77	0.6	
0.1769	-0.8531	1.157	0.1969	7.596	-0.1656	-2.723	0.3969	0.3469	-0.3631
-0.145	-0.585	0.875	0.195	6.224	2.933	-0.305	0.495	0.145	
0.18	0.43	0.36		5.159	0.1575	0.33	-0.82	-0.8	-0.95
0.675	-0.015	1.115	0.015	7.274	-0.1275		0.845	0.555	-0.065
0.675		2.035	-0.105	6.434	3.183	-0.545	0.105	0.105	0.195
0.69	0.07	2.26	-0.31	5.889	-1.462		0.99	-0.07	-0.56
-0.215	0.135	0.525	0.305	4.094	-0.4075	-0.665	0.235	-0.135	0.985
-0.45	-1.75	0	1.26	1.329	3.018	0.64	-0.67	-0.88	1.82
0.3113	-0.5088	3.291	0.1712			0.3413	0.08125	-1.009	
-0.07875	0.2312				3.759	-0.8988	1.221		
-0.4509	-0.6209		0.009062		3.487	0.4291	0.6591	0.05906	-3.771
-0.15	-0.76	0.11	0.72	0.07875	1.888	0	-0.66	0.36	-1.1
0.01406	-0.8359		-0.4259	0.5928	0.9916	-1.036	-1.376	2.354	-1.046
0.01	0.18	-0.67	0.91	2.689	1.788	-0.01	-0.24	0.32	-0.08
0	-0.64	-0.23	0.16	0.9288	0.1775	-0.02	2.05	-0.69	-0.9

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.2012	-0.7388	-0.5788	0.00125	0.69	2.069	-0.1788	-0.3787	0.6813	0.9212
-0.3788	-0.8188	0.5212	-0.2288	-0.31	1.399	-0.01875	-0.9087	0.3013	-0.9088
-0.625	0.615	-0.155	-0.105	1.544	1.553	-0.815	0.105	0.845	0.705
-0.12	-0.11		0.89	1.519	1.838	0.94	0.17	0.66	5.37E-10
-0.4	-0.15	-0.24	0.85	1.339	1.868	0.71	0	0.16	0.18
0.41	-0.12	-0.54	0.78	1.159	1.558	0.52	-0.75	0	-0.35
-0.38	0.42	-0.01	0.79	0.3187	1.118	0.59	-0.7	0	-0.66
-0.26	0.61	0	0.32	-1.611	0.6075	-0.26	-1.83	-0.62	0.14
0.54	-0.78	0	-0.5		1.358	0.84	-0.07	0.7	-1.96
0.5425	0.1425	-0.5375	-0.3975	0.00125	0.04	-1.638	-0.9075	-0.3175	-0.3575
-0.1319	-0.1919	-0.3019	-2.512	-0.3931	0.1456	-0.2119	-0.8319	-0.3919	-1.562
0.91	-0.17	-0.81	-0.36	-1.081	0.3175	-0.5	0.11	1.39E-17	-0.52
0	-0.49	0.12	0.07		0.0575		0.02	-1.01	-1.21
0.2106	0.1406	0.1006	-0.9694	0.3394	-0.2219	1.031	0.4006	0.1306	-0.4094
0.5225	-0.2975	-0.0475	-1.088	-2.019	0	0.2025	-0.5875	0.1225	0.4425
0	0.65		0.57	0.6288	0.9375	0.2		0.25	-0.15
-1.49E-10	-1.12	-0.52	0.06	1.229	1.018	-0.57	0.81	1.29	0.09
0.14	-0.85	-0.37	-0.4	1.209	1.218	-1.22	-1.66	-0.13	-0.07
0	-0.23	-0.4	-0.17	0.2888	0.5175	-0.39	-1	-0.76	0.34
0.8706	-0.04938	-0.08938	-0.1594	0.8594	1.608	-0.1894	-0.4594	0.9306	0.2406
0.3412	-1.389	-1.059	-0.02875	1.12	2.379	0.3613	0.09125	1.241	-0.3088
0	0.59	0.05	1.81	1.309	2.768	-0.7	-0.46	0.81	-0.55
-0.015	0.015	-0.815	0.265	0.1638	0.6925	0.105	-0.825	1.405	0.455
-0.285	-0.145	-0.735	0.865	0.2638	1.723	1.325	-0.745	0.965	0.875
-0.01875	-0.6088	-0.5588	0.7212	0.25	1.679	0.9813	-1.429	0.9513	0.5712
1.21	-0.17	-0.27	0.77	0.8488	0.3475	0.22	-1	0.13	5.37E-10
-0.12		0.51	0.86	0.8288	0.6175	0.69	0.93	0.6	0.24
8.33E-16	0.04	-0.33	0.9	0.5988	0.8075	0.73	-0.06	-0.26	0.59
0.25	0.41	0.18	0.05	-0.1412	0.7675	0.89	-0.64	-0.23	5.37E-10
0.81	-0.08	-0.19	0.71	1.449	1.398	-0.23	0	0.1	-0.02
-0.09	-0.25	-0.72	-0.12	1.259	0.9775	0.59	1.24	0	-0.44
0.08062	-0.8094		1.151	0.5694	1.728	-0.03938	-0.1694	0.3806	-0.6094
-0.01188	-0.6219	0.08812	0.9381	0.8269	1.606	0.2581	-0.5919	0.4281	-0.5519
-0.56	0.21	-4.66E-10	0	0.3688	1.608	0.02	0.38	0.41	-0.27
-0.6	0.28	-0.18	-0.07	0.1088	1.138	0.67	0.57	0.11	0.66
-0.4488	0.1012	-0.4388	0.2312	0.51	2.309	1.091	0.1713	1.141	0.3712
0.4906	-0.6294	-0.07938	0.08062	1.169	1.308	-0.4494	2.181	0.4606	

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.025	-0.475	0.765	0.275	1.354	1.603	1.195	0.595	0.165	-0.025
1.83	-0.38	-0.58	0.19	0.7988	0.8175	-0.73	-0.75	0.48	5.37E-10
-0.0875	0.1825	-0.4175	-0.3575	0.00125	0.37	0.9025	0.1425	0.1425	0.2525
-1.055	0.455	-0.095	-0.965	0.9738	0.8225	0.565	1.025	0.895	-0.115
-0.64	-0.22	0.67	0	-0.5712	-0.6425	0.05	-1.07	1.07	0.48
0.06	0.09	0.08	-0.86	-0.07125	0.2375	0	-0.37	0.64	-0.25
-0.89	0.74	0	-0.17	1.699	-1.482	1.18	0.28	0.81	-0.16
-0.3188	0.2112	0.4312	-0.06875	1.55	0.5888	-1.029	-0.2887	0.8413	-0.9888
0.27	0.24	0.85	1.05	2.509	0.6075	0.37	0	0.12	-0.49
-0.23	0.37	0.08	2.23	2.339	0.4875	-0.1	0.25	-0.3	0.36
0	-0.5	0.09	2.57	2.719	0.4375	-0.54	0.29	0.43	0.43
-0.68	-0.2	-0.85	2.17	2.519	0.2275	0.02	0.01	0	0.04
-0.1094	-2.629	0.2806				-2.789	0.5006	0.02063	
0.7	0	0.17	-0.04	-0.1412	0.9975	0.5	-1.33	1.03	-0.49
-0.6344	-1.024	-0.1944	0.5956	0.7744	-0.03687	1.206	-0.9644	0.2156	0.005625
1.218	-0.2419	0.4881	0.3381	1.277	1.996	0.5781	-0.6519	-0.4319	-1.142
-1.13	-0.08	-1.31	1.31	2.199	0.7275	-0.81	-1.35	0.08	-2.7
-0.57	0.23		0.4		2.068	-1.78		5.73E-09	-5.19E-09
0	1.19	0.26	0.46			-0.29	-0.34	0.87	
-0.9509	0.01906		1.019	-0.1822	3.467	-0.8509	0.5291	-1.201	-0.7409
-0.9119	1.068	0.2781	0.7481	2.167	0.3356		0.6481	1.108	-0.2919
-0.83	1.16	-0.1	0.53	1.859	0.4975	0.5	0.14	1.06	5.37E-10
-1.159	0.05125	-0.2688	-0.2588	2.34	1.289		-1.299		
-0.66	0.67	-0.2	1.19	1.149	0.9775	0.22	0.14	-0.38	1.96
0.3912	0.5412	-0.3388	-0.3288	0.31	0.8688	0.5913	-0.4287	0.2113	-0.4688
-1.85	3.01	1.35		3.449		0	-0.05	5.27	-0.54
-0.66	0.63		1.05	2.779			-0.48	0.44	0.09
-0.2088	0.3112	0.4312	0.6412		-0.00125		-0.02875	1.461	0.8112
-0.74	0.18		0.84	-0.05125	-0.3725	0.59		-0.27	1.22
0.08812	-0.2019	0.2481	0.1281	3.117	0.9456	0.4781	-0.5519	0.3681	0.7981
0.65	1.03	-0.31	2.32	1.289	-0.2425	-0.15	0.22	-0.04	1.63
-0.94	-0.73	0.35	1.64	3.379	2.628	0	0.72	-1.49	3.82
-0.5	-0.77	0.61		4.119			3.59	0	
-2.17	0.59	0.28	-3.39	-0.09125	-0.1425	0.28	-1.84	-1.46	-0.16
	-0.00875	0.2212	-0.9688		0.00875		0.1413	0.05125	-0.4888
-1.31	0.3		0.72	2.019	1.228	-0.28	-1.7	-0.56	0.19
1.892	-1.158		-0.0375	0.00125	-0.6		-0.1375	-2.927	1.272

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
1.181	-0.09875	-0.5488	0.9712	0.13	0.1288		-0.3087	-0.6087	
0.1012	-1.589	-2.209	-1.469	0.57	-0.2612	1.941	0.09125	0.08125	-0.5988
1.29	2.33	0.49	-1.24			-2.86	-2.17	-0.67	-2.4
1.5	2.84	0	-1.19	-0.3712	-1.452	-0.77	-0.54	-0.55	0.38
3.614	-0.5159	-0.4159	-0.4559	2.263	1.972	1.634	-0.4359	-0.05594	1.504
0.6	0.25		1.57		0.1675	-4.02	-4.6	-2.65	5.37E-10
1.176	-0.2244	-0.4344	1.706	-1.426	0.9931	-0.9244	-1.284	-1.314	-0.7444
1.35	-0.72	0	2.12	-0.5912	0.3375	-3.52	-2.05	-2.28	-0.6
1.135	-0.625	-0.005	1.885	-0.00625	1.723	-2.125		-0.945	-0.045
1.561	0.4712	-0.3088	1.961	-0.17	2.819	-2.439	-0.02875	-1.529	0.8613
0.8256	0.2056	0.1056	1.686	-0.8856	1.903	-1.784	-0.2944	-1.464	0.6356
0	0.77	-0.86	1.98	0.1488	1.818	-0.68	-1.99	-2.04	-0.72
0.09	-0.01	-0.08	0	0.6188	2.568	-0.69	0.26	-2.04	-0.39
	3.491	1.741			2.379		-0.6687	-1.079	-0.1488
0.08812	1.658	-0.2719	0.03812	1.047	1.126	-2.112	-0.2619	-0.9619	-0.6519
-0.2144	1.056	-0.7344	0.4156	1.034			-0.1444	-1.504	-0.3644
1.381	2.971	-0.9288	-0.7188	0.16	1.449	-1.209	-2.959	0.4313	-1.669
1.32	3.46		0	1.149	1.808	-1.5	-1.82	0.5	-0.55
1.041	2.221	-0.2688	0.3512	0.89	1.749	-1.179	-0.1487	0.6113	-0.4688
-0.9288	1.831	-0.02875	-0.5188	0.3	-1.601		-2.029	-0.6187	-0.2188
-1.105	3.235	0.945	-0.065	-1.436	-2.197		-0.245	-0.485	
0.565	2.315	-0.135	-0.025	1.034	0.0825	-1.205	-0.395	-0.195	0.025
0.08125	1.121	-1.179	0.02125	-0.02	0.05875	-0.4587	-0.1287	-0.09875	-1.159
0.05125	1.711	-1.029	-0.5388	-0.64	1.359	-0.5088	0.1213	-0.5187	-0.4088
-1.248	4.252	-0.4975	1.822	2.421	0			-0.8975	
-0.31	2.25	-0.79	0	0.03875	0.4675	-2.33	-2.21	-1.22	-2.44
-0.205	2.535	-0.845			0.4325	-1.905	-2.025	-1.145	-0.895
0.4006	2.311	-0.4194	1.841	0.9394	2.228		-0.1694	-0.9094	-0.2694
-0.15	2.01	-0.49	0.47	0.3688	1.078	-0.46	-0.07	-1.07	-0.46
0.0925	3.092		0.6325	0.00125	1.73	-2.208	-1.647	-1.377	-1.808
0.13	0.99	1.57	-0.44	-0.9012	1.698	-0.32	-0.28	-0.16	-0.85
-0.37	0.89	1.2	-0.37	-1.561	1.398	-0.78	-1.18	-0.61	-1.06
-0.4544	0.8056	1.056	-0.6944	-1.106	1.493	-0.6844	-0.7944	-0.5944	-1.034
-0.04	1.1	1.52	-0.5		1.378	-1.07	0	-0.14	-0.37
0.2	0	-0.78	0.58	-0.1512	0.0775	0.3	-1.97	-1.39	-0.44
-0.32	0	-0.76	1.67	0.4688	-0.7225			-0.6	1.17
-0.35	0.65		-0.61	3.239	1.688	0	0.27	-0.51	-1.43

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
1.481	0.6912	0.1412	1.471	2.3	3.169	-0.1387	-1.769	-0.5287	-1.299
1.468	-0.05188	-1.612	1.478	1.637	2.876	-0.6619	-2.412	-3.292	0.01812
0.9	-1.18	0.94	3.6	1.659	2.108	-1.95	-1.1	-2.36	-0.91
1.191	-1.539	-1.029	1.571	2.26	1.559	-5.179	-3.349	-1.609	0.4313
-0.8775	0.1325		-0.4975	-0.7888	0	-1.628	-0.5875	-1.448	-1.128
-0.1194	-0.2594	-0.06938	0.3106	0.07938	0.7481	-0.4394	-0.02937	0.3206	0.3106
-0.03	0.33	1.51	-0.7	-0.9912	-0.5725	0	1.56	0.18	0.8
-1.834			0.1456			-0.8344	-0.1644	-0.9044	
-0.43	0	0.75	-0.97	0.8788	-1.332	-1.09		-0.55	-0.92
2.006	-2.194	-1.014	-3.114	0.9044	-1.097	3.246	-2.114	-0.9244	-1.294
2.501	-1.519	-0.3388	-1.979	1.22	-0.1512	3.661	-1.149	-0.3587	-0.3888
2.211	-1.339	-0.7188	-1.549	0.96	-0.4012	3.511	-1.319	-0.3787	-0.5888
-0.57	0.68	-0.06	0					0.4	-1.06
-0.045	0.055	0.045	-0.255	-1.716	1.113		-0.335	-0.675	0.335
-0.5194	0.6306	0.01062	0.3706		-0.4119		0.03063	-0.3594	0.9406
0.5425	-0.4275	0.1525	1.572	-0.04875	0	0.6925	-0.7575	-0.3075	-0.2775
	0.79	-0.12	0.54		0.0275	-1.37	0	-0.82	
-0.03094	-0.1509	0.4791	1.369	1.348	-0.2634	0.4191	-1.251	-0.6209	0.2891
-0.03875	-1.159	-0.7288	-2.109	-0.82	-1.671	0.4012	-0.9587	0.8213	1.291
0.58	0.55	0	0.55	-1.011	-2.092	2.47	-0.77	1.08	-0.21
0	0.02	0.9	0.87	-0.2612	-0.7425	0.52	0.36	0.11	-0.11
0.1925	0.2325	-0.4975	0.1425	0.2412	0	0.1225	-0.6075	0.7125	-0.0375
1.778	2.818	2.038	-0.9419	-1.843	-1.984	1.108	0.9281	-0.5519	-0.02188
2.425	0.275	0.055	-0.055	1.234		0.785	0.915	1.765	-0.995
-0.815	-0.645	0.225	-1.595	-0.9262	-1.057	0.525	-0.115	-0.025	4.915
0.305	0.615	-0.255	-2.495		-1.597		1.495	-1.175	1.705
0.425	2.145	-0.735	-3.785	-2.076		-1.885	0.135	-2.955	
0	-0.3	0.38	-0.28	-2.351		2.76	2.53	-0.94	
0.075	-0.285	-0.205			-1.177	5.055	0.345	-0.005	0.215
-1.17	-0.01	-1.01	-0.76	0.2488	-1.122	2.7	1.79	-0.13	3.92
-1.02	0.51	0.21	-0.55	-1.821		0.15	1.22	0	
-0.68	-0.27	0	-0.52	-1.201	-0.8625	-0.98	0.22	-0.2	1.21
-0.25	4.33	2.65	0	-3.831	-2.852		0.26	0.01	0.28
0.3913	0.6012	1.771	0.6712	-3.23	-1.991	-1.159	0.9813	0.07125	-0.04875
0.34	0.73	0.38	0.41	2.179	-2.902	0	0.88	0.51	-1.62
-0.31	0.29		0.32	-0.3613	-0.9125	0.23	0.51	0	0.47
-0.05	0.7	0.36	-0.17			0.05	-0.16	-0.29	0.09

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.48	0.31	1.06	0.72	0.7587	-1.202	0.59	0.32	0	0.29
0.4547	1.875	1.325	-1.725	-0.4966	2.142		-1.685	-0.7753	
0	0.55	-0.42	1.48	0.4188	-1.082	-0.05	0.53	0.75	0.52
-0.73		0.35	0	-0.6512		-0.41	0.31	-0.2	-0.06
4.822	1.552	2.142	-1.048	0.00125	-1.93	-1.168	0.1625	1.793	3.592
-0.32	0	0.98	1.35	-0.8612		4.45	-0.2	1.05	
2.734	1.394	1.174	-1.276	1.163		1.414	0.8541	1.474	1.534
2.145	0.8847	0.8047	0.6047	-0.9966		3.345	2.585	1.465	2.565
0.34	0.02	-1.42	0	0.8088	-2.582	3.76	2.76	2.6	2.12
-0.345	-0.755	-0.445	0.075		-1.807	7.845	0.325	-0.075	0.845
0.2312	0.8612	-0.3488	3.001	-3.15	-1.591	5.461	2.751	3.131	-0.9688
1.166	1.186	1.066	4.676	-0.8456	-0.3469	6.606	4.906	4.516	0.01562
-0.6187	0.1412	-0.3388		-0.9	-1.011	2.541	0.2613	0.6513	0.04125
1.285	-2.205	-0.445	1.185	-1.676	-3.197	2.465	0.195	1.135	0.675
0.1725	0.1425	0.4625	1.092	-0.08875	0	0.4425	0.3025	-0.0775	-0.6875
0.39	0	1.02	0.47	0.7088	0.0775	1.13		-0.54	0.36
3.575	0.495	-0.095	0.035	-0.7662		1.125	-0.315	0.315	0.175
0.3181	2.098	4.168		-0.8431	-0.6044		1.428	-0.2919	2.928
-0.035	0.035	0.335	-0.055	-0.8862	-0.7675	0.275	1.135	-0.015	0.515
0.345	-0.645	0.475	-0.085	3.724	-0.2675	-0.325	0.125	1.765	1.895
0.42	0	1.63	0.12	3.719	0.4075	-0.42	0.08	1.29	1.17
0.3	1.85	1.51	0	1.889	3.818		-0.04		-0.72
0.1106	-0.5594	-0.2394	0.5406	1.819	1.168	0.7006	0.6506	0.8806	2.531
-0.2794	-0.4494	0.8506	-0.6594		-1.272		2.141	0.9606	2.761
-0.7244	-0.04438	0.8256		1.734	-1.537	-1.624	1.786	0.9856	2.106
-0.11	-0.14	-1.69	0.35		-0.5025	0.11		-1.91	-0.49
0.1997	-0.2303	-0.8303	-0.2503	0.4484		-0.1703	-1.87	0.3197	-0.5903
-1.314	-0.1238	-1.044	-0.8938	0.125	-0.3762	-0.3637	-1.834	-2.124	1.156
-0.2519	1.028	0.02812	-1.022	-0.2031	-0.8744	-0.5619	-1.152	-1.972	-0.5519
-0.6575	0.1025	-0.0675	-0.2675	-0.9488	0	-0.5075	-0.6075	-0.0275	1.472
0.09062	-2.809	-0.8094	1.831	0.4594	1.048	-2.239	-0.6794	-0.6494	-0.6794
-1.59	-2.11	-1.76	1.89	0.9788	1.018	-1.18	-1.76	-2.35	-2.04
-1.052	1.868	-0.5219	0.8781		0.2756		0.1181	-0.07187	1.078
-2.22	1.33	-1.56	0.41			-1.35	-1.31	0.23	
-0.45	0	0.24	-0.1	0.7888	0.6175	-0.22	0.73	-0.1	0.38
-1.222	0.05812	-1.462	0.1481	0.8069	0.3156		-0.09187	-0.08187	-0.4819
-0.645	-0.575	-1.075	-0.845	-0.6262	-1.097	0.115	0.415	-0.145	-0.115

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.54	-0.18	-0.65	0.55	-0.1813		-0.68	0	-0.03	-1.15
-0.06875	1.011	-0.6488	1.291	-0.28	-0.5512	-0.2987	-0.2987	0.2813	-0.3488
-0.7775	2.562	-0.1675	0.3325	0.6812	0	0.4025	-0.3475	-0.4575	-0.5175
-0.9875	2.122	-0.6175	0.2925	0.1312	0	0.7725	-0.3175	-0.2075	-0.5675
-0.6919	1.518		0.8781	0.1769	-0.03437	-0.6619	-0.8919	-0.3019	0.3681
0.63	0.85	1.29	0.92	1.469	2.558	-0.62	-0.11		0.11
-0.9375	-0.9675	1.092	-1.258	3.731	0	0.0525	0.3325	-0.8375	1.242
-0.22	2.7	0.88	0	6.309	-1.782	0.72	0.03	-0.39	-1.3
-0.05	2.52	-0.08	-1.45			0.72	0.88	-1.29	
-0.4819	1.378	-0.3719	0.1181	3.187	1.666	-1.212	0.3781	-1.392	1.258
0.1947	-0.7053	-0.9453	-0.5453	2.663	3.862	-1.045	1.285	-0.7753	
-0.22	1.11	0.63	-0.25	1.169	-1.712	-2.27	-0.48	-1.15	-0.2
-0.34	1.75	-0.49	0	-0.00125	-1.242	0.6	-0.65	-0.17	1.51
-1.176	1.474	-1.116	0.4841	-1.107	-1.738	0.9941	-1.566	-0.5459	1.474
-0.2719	0.9281	0.5081	0.05812	1.437	-1.084		-0.2819	-0.03187	-0.9019
-0.01			0.72	0.2988	0.1375	-1.14	2.81	0.08	-0.17
	-0.79	-0.74			-0.7725	0.48	0	0.15	1.62
-2.539	1.251	-0.6588	-2.069	-1.41	-0.1712	0.1712	0.5112	0.4412	0.7212
0.095	-1.215	-0.095	-0.325		-1.277		1.535	1.545	
-3.378	-3.568	-3.478	-0.7475	0.00125		-3.498	0.5225	0.3525	-1.278
-2.1	0.06	-1.33	1.67	-2.051	-0.2925	0.55	0.67	0.07	-1.58
-0.1088	0.3412	-0.3688	0.3612	-1.39	0.1088	-0.6088	-1.369	0.2413	-0.6088
-0.7	-1.55	-1.08	-2	-2.481	5.698	3.5	-0.85	0.23	-0.23
-0.2038	-1.144		-0.3438	0.055	1.984		-0.4837	-0.8837	-0.7838
0.0225	-0.0075	1.162	-0.4375	-1.559	0	0.4425	0.0725	0.1925	
-1.74	-1	-1.31	-2.03			-1.22	0.94	0.36	-0.02
0.15	0.16	-0.61	-0.15	-0.2013	0.9975	-0.1	-0.52	0	0.21
-1.379	0.1612	-0.9188	-2.729	2.79E-11		0.01125	0.00125	-0.9887	-1.719
0.01	-0.72	0.86	-0.08	-1.571	2.728	0.41	0.06	0.43	
-1.042	-1.232		1.378	-2.063	-1.164	4.148	2.668	-1.112	-0.7519
0.7112	1.031	0.9912		-1.47	-0.6912		1.771	-0.4887	-1.809
3			1.82	-1.231		1.35	3.26	0.55	-0.27
-0.51	-0.08	-0.56	0.59		0.5875		0.68	-1.18	-0.11
1.67	-0.42		0.12	-0.6312	2.048	-0.29		-0.78	-1.91
0.6	-0.6	0.91	0.34	-0.1512	1.288			-0.53	-2.51
0.4006	0.06062	0.01062	-0.4094		1.048	0.2606	-1.159	0.3306	-0.5494
0.8	-1.03	0	1.17	-3.431	0.7575	0.71	-1.48	-1.81	0.58

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
1.975	0.575	0.615	-1.505	-1.106		-1.425	1.045	-1.355	-0.065
0.28	0.85	-0.02	-1.12	-2.761	0.9275	0.02	0.16	-0.27	0.59
0.2691	0.02906		-1.971		0.7966		1.269	-0.7109	-1.291
0.2	0.95	-0.05	-0.88	0.3187	0.7475	0.01	0	0.81	-0.35
0.5	0.58	0	-0.51	0.08875	0.7075	0.12	0.08	1.02	-0.35
0.97	-0.84	-1.84	-3.08	-4.461	0.5475	0.6	0.12	0	0.84
1.33	-0.96	0.96	-0.25	0.9388	0.4175	-0.27	0.14	1.24	1
0.4	-1.25		-2.21	-0.8612	0.7275	-0.05		-2.4	5.37E-10
2.106		2.506		0.025	1.954		-0.02375	-1.604	
-0.92	-0.65	0.06	1.06	-2.941		0.9	-0.45	-0.53	-3.34
-0.5519	1.418	1.408	0.5781	-1.203		-2.112	0.7281	0.7681	-1.072
-1.645	-0.7053		1.655	-1.477		0.5147	2.245	1.485	-2.065
-3.4						0	0.48	0.12	
-0.76	0.53	-0.14	0.81	0.7188	-0.1825	-0.17	-0.51	0.26	-0.2
-1.034	-1.944		-0.4844	1.494	-1.677	1.686	-1.734	1.056	
1.91	0.27	2.43	0	-0.1512		0.75		-0.67	
1.109	-0.1709	1.589	-1.531			0.2791		-0.9709	3.089
0.51	0.45	-0.02		-1.191		0.78	0.11	0.52	5.37E-10
0.31	1.22	-0.03	0.63			0.03	-0.76	-0.05	-0.25
2.655	0.765	0.825	-1.305	-0.5962	-2.257	0.115	0.955		1.205
1.91	0	0.04	-3.61	-0.2412	-0.2625	1.53	2.11	2.05	1.95
-0.3831	0.1269	-0.6031	-0.6731	-0.1644	-0.04562		0.9269	1.757	-0.6531
	0	-1.58	-1.73			0.12	0.78	0.99	0.44
0.54	0.24	-1.8	-0.1	-0.09125	-0.1425	0	0.48	1.3	0.19
0.56	0.27	-2.08	-0.32	-0.7312	-0.1125	0	0.64	1.08	0.31
-0.3397	-0.4897	1.68	-2.02	-3.041	0.007813	1.66	-0.4697	4.46	2.73
-0.43		0.3		-1.011		-0.63	0.01	1.75	
	0.2741	-0.3659	-1.476		-1.958	-0.4059	0.2241	0.5941	-0.3359
0.9525	0.4625	-1.188	-2.158	0.00125	-2.31	0.5525	-0.2175	0.9725	-1.018
0.2912	0.2012	-1.309	-2.769	0.15	-2.551	0.4112	-0.6087	0.8413	-1.009
-2.9	1.63	1.11	-3.42	-1.451	-0.1425	-1.22	0.13	-2.15	-0.89
-1.569	0.8112	-1.209	0.8712	-1.81	-1.831	1.291	1.341	0.1613	0.4112
-1.622	-2.022	-1.312	0.8481	-0.6731	-2.334	0.1881	1.038	0.1281	0.4281
0.2725	-4.358	-3.378	-3.488	0.00125	0.43	-3.178	-1.197	-0.8175	0.2425
0.81	-0.4	0.08	1.37	-2.691	-2.452	0.19	0.68	1.4	0.65
-0.43	-1.03	-0.1	0.01	-0.5313		1.51	0	1.38	-1.32
-0.4188	0.1412		0.9012		-3.271	-0.06875	0.8113	2.791	1.241

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.16			1.41		-5.302		3.14	1.39	
-0.73	-0.19	-2.59	0.34		-2.302	1.33	-0.2	0.47	-1.03
-1.649	-0.8394	-2.689	0.3006		-4.992	1.511	-0.1294	0.3306	-0.7394
0.3525	-0.3275	-0.3775	-1.678	0.00125	-1.17	1.202	0.5125	-0.3375	-0.3675
-3.386	-0.6559	0.2241	-3.876	-2.677		2.344	-0.1659	2.554	-0.8459
0.3	-2.82	-0.61	-2.57	-2.311	-2.412	1.72	0.79	-0.05	0.4
0.4281	-2.532	-0.5019	-3.522	-3.083		1.848	0.6281	-0.3619	-0.1619
-1.359	-0.1688	-1.189	-0.8188	-1.02	-1.061	0.2712	0.4413	-0.2887	1.621
-1.545	0.035	-0.995	-0.405			-0.035	-0.325	0.125	
-2.798		0.3425	-1.818	0.00125		1.742	1.513	0.7525	0.7125
-2.609	-1.439	-2.609	-0.7294			2.151	2.321	1.101	1.571
-3.486	0.4541	-2.316	-2.846	-3.327	-2.828	2.334	2.534	0.2241	2.304
-1.368	0.1425	-1.498	-1.108	0.00125	-3.47			-2.177	0.8925
0	-1.59	-0.69	-3.59	-4.971	-5.152	0.4	0.11	1.78	1.06
-0.82	0.88	0.24	-2.49	-3.571	-4.132	1.57	-0.14	-0.3	-0.8
-0.1219	-1.192	-2.442	-0.8919	-0.6331	-1.124	1.998	0.5381	0.7081	0.9981
-1.79	-0.91	-1.11	-1.46		-0.3525	1.56	1.68	0	-0.28
-2.73	-0.71	-1.09	1.24	-0.8313	-2.652	0.12	-0.2	0	0.22
-2.206	-2.596		-0.5759	-2.427		1.414		-0.04594	
-2.51	-0.16	-1.59	0.13	-5.591		0	-0.13	0.4	
-2.131	-1.061	-0.8009		-1.632	-0.9934	0.2291	1.439	1.159	
-2.55	-0.27	-0.55	-0.33	-1.941	-1.322		1.25	0.12	-0.05
-0.86	0	-1.01	-0.54	-3.211	-0.3125	1.2	1.88	-1.12	
-1.03	-1.75	-0.61	0.94	-3.051	-1.882	2.36	0.72	0	-1.15
-2.38	-0.81	-3.76	-3.71	-1.991	-1.682	1.65	-0.1	0.89	5.37E-10
-0.4419	-1.032	-1.762	-3.292	-3.583	-6.244	1.988	0.1181	0.3981	0.1181
-0.5844	0.9756	-1.624	-3.404	-2.176	-5.497	0.3956	0.6556	-1.634	
-0.42	0.8	-1.61	-2.12	-1.251	-2.532	0.35	0.71	-1.27	-0.21
-1.44	0	-1.24	-1.8	-1.021	-2.812	0.61	-0.26	1.75E-08	0.71
-4.529	-0.1388	-4.009	-2.559	-4.11	-4.751	2.601	1.311	-2.269	-0.8288
-1.835	-2.405	-1.345		-4.476	-4.657	1.065	1.485	0.055	
0.5891	-2.391	-0.4809	-0.1109	-3.692	-5.333	1.499	-0.7409	-2.121	
0.94	-1.29	-0.47	-0.64	-3.091	-2.552	1.65	-0.34	0.23	1.02
-0.31	0	0.23	-2.55	-1.641	-5.282	1.26	-1	0.79	0.66
1.09	0.03	-0.6	-5.22	-2.211	-6.362	-0.7	-0.5	1.09	0.49
-0.12	-0.77	-0.57	-3.36	-1.181	-3.102	1.81	0.68	0.29	5.37E-10
-0.03094	-0.6909	-0.7209	-3.961	-1.252	-2.903	1.229	0.4591	0.1291	0.3591

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-3.38	-2.51	-3.02	-3.58	-4.381	-3.722	2	0.42	1.36	5.37E-10
-2.09	-1.5	-1.19	-2	-2.801	0.0175	0.48	0.69	0	-0.06
-1.962	-0.7519	-1.362	-0.3519	-1.743	-3.304		2.348	1.518	1.128
-3.21	-3.58	-2.06	-3.53	-3.861	-2.622	1.82	0	1.75	1.99
-3.01	-3.33	-3.99			-3.642	1.89	-0.08	1.78	2.04
	-4.184	-3.184			-3.347	2.296	-0.3444	2.176	2.006
-1.252			-3.692	-2.843		1.328	-0.5419	1.378	1.008
-0.72	-1.07	-1.11	-0.85	-1.021	-1.472	0.58	0.95	1.64E-08	-0.19
-0.78	-1.37	-2.01	-1.92	-0.3413	-1.152	1.67	0	0.73	1.15
-1.64	-2.79	0	-3.2	-2.051	-2.862	3.01	1.8	-0.68	0.61
-0.1	-2.46	-2.2	-0.65	-1.581	-1.652	2.03	1.4	-1.29	1.58
-1.364	-1.524	-1.974	-0.2538	0.055	-0.2262		-0.05375	-0.1537	1.456
-0.65	-1.55	-0.06	-0.92	-0.2812	-1.622	-1.26	3.57	4.16	3.26
-1.722	-2.012	-2.082	-0.2319	-1.273	0.1156	-0.2319	0.8881	2.408	2.178
-2.06	-2.4	-0.85	-1.71	-2.421	-1.832	2.03	1.87	1.75	2.6
-0.94	-3.13	-4.16	-0.25	-3.521	-1.602	1.25	0.38	0	1.65
-2.696	-3.666	-1.966	-0.5959	-4.217		1.804	0.01406	0.6641	-0.2259
-1.602	-2.202	-1.112	0.6081	-2.493	-2.024	0.6081	0.5081	0.7881	0.5481
-2.599	-1.989	-0.8394	0.2906	-1.151			0.9406	0.6306	0.7606
-3.261	-2.951		2.509	-4.422	-3.503	2.099	0.5691	0.4691	2.399
-5.674	-5.584	-5.654					0.1063	0.5763	0.1862
-4.089	-3.539	-1.869	0.4212	-1.06	-3.051	0.4513	0.8313	0.6213	0.5913
-5.119	-4.729	-4.799	0.1712	-1.26	-6.041	0.6013	0.6013	0.7713	0.4413
-4.599	-5.049	-5.119	0.3412	-1.03	-4.941	1.191	1.051	1.031	0.6213
-2.35	-2.14	-1.21	-2.2	-4.071			0.04	-0.04	1.25
-2.279	-2.159	-0.4888	-3.329	0.53	-1.621	1.911	1.761	1.851	1.221
-2.494	-3.214		-0.4744	-1.746	-0.7369	0.8156	0.1456	-0.06437	1.116
-1.72	-1.13	-0.19	-0.99	-1.021	-4.692	2.13	1.65	1.96	3.3
-2.03	-0.84	-0.97	-0.95	0.2388	-3.332	1.45	0.07	-0.35	1.46
	-1.549	-1.369	-1.509	-0.87	-1.711	0.8813		0.9113	0.7212
-0.06875	-2.299	-0.9988	-0.9688	-0.81	-0.4312	1.241	0.8413	0.04125	-0.2288
-0.06	-2.31	-1.89	-1.31	-0.8412	-0.7425	0	-0.08	1.01	1.09
0.5191	-3.491	-0.2509	-3.241	1.028	-3.803		0.2891	1.559	-0.1009
1.009	-0.5809	0.2391	-2.801	-0.4222	-3.483	-1.071	-2.431	0.1691	0.8491
-0.4159	-0.1059	0.2541	-3.346	-0.04719	-3.668	-1.106	-1.226	-0.5759	0.2341
-0.4809	-4.851	-3.071	-3.261		-3.163	-2.621	0.6491	-2.961	0.6591
0.9025	-1.798	-0.3775	-2.448	0.00125	-3.11	-2.338	1.823	-1.727	1.012

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.061	-2.191	-1.281	-2.311	0.6378		0.009062	-0.6809	0.9491	0.5991
0.255	-1.985	0.165	-1.885	1.304	-2.687	0.215	-0.165	-0.825	-0.275
-0.5331	-1.143	-1.343		-0.09438	-0.9756	0.6169	1.137	2.227	1.107
-0.31	-1.19	-1.06	-2.86		-1.352	0.6	1.28	2.46	2.21
0.5341	-0.1959	-1.166	-2.846	0.9728	0.1616	0.6841	0.9541	2.474	1.274
0.4025	-1.998	-1.438	-2.548	0.9812	0	0.5425	0.9725	2.302	1.412
0.005625	0.8356	-0.6444			-1.687	0.5556	-0.2144	0.04563	0.9756
-1.86	-2.09	0.18	-0.61	0.2988		0.73	2.09	0.93	-0.08
-3.352	-2.762		-2.072	-3.813	-0.2544	0.9181	1.888	0.8181	-0.6319
-0.45	-1.85	0	-0.89	-1.371	-1.342	1.6	-0.92	0.12	-2.32
-1.648	-0.9075	0.2125	-0.8075	0.7312	0	-0.6975	-1.398	0.2525	-0.6975
-0.94	-0.43	-0.04	-0.71	0.4088	0.4075	0.3	-1.24	-0.27	5.37E-10
-0.885	-0.185	-1.105	-1.295	-0.6563	-0.9075	0.855	-0.055	0.055	1.385
-0.9	-1.47E-09	-0.78	0	-1.121	-0.7925	0.91	-0.19	-0.43	1.56
-0.9787	0.3812	-0.9188	0.06125	-3.3	-1.321	0.5513	-0.7587	-0.00875	0.6512
-1.42	-1.1	-1.48	0	-3.241	0.4875	1.16	-0.69	0.54	0.44
-0.515	-1.185	-0.535				0.565	0.025	0.345	1.835
-1.364	-1.634	-1.994	1.406	-4.976	-0.09687	0.5856	-0.4544	-0.1644	0.4656
0	-3.22	-0.74	0.91	-4.161	-1.402	-0.66	1.01	-0.21	0.92
-0.9	-0.38	-1.46	-1.67	-2.471	-1.982	0.36	0.04	-0.35	-0.04
0.79	-0.45	-0.55	1.05	-4.581	-4.342	0.71	1.22	0.93	1.24
0	0.7	-0.53	2.64	-2.611	-4.252	1.58	1.04	0.52	
1.47	-1.17	1.09	4.21		-4.002	0.78	-1.71	-0.54	5.37E-10
-0.44		-1.08			-3.992	3.33	0.88	0	
0.085		0.375	-1.245		-2.547		-0.085	-0.315	
-0.1809	-2.591	-2.341	-2.021		-3.643	0.1791	-1.291	-2.251	2.649
-3.45	-3.59	-3.63	-4.12	-3.291	-5.832	1.26	1.39	-0.44	1.53
-2.079	-4.659	-2.579	-4.329				-3.679	-4.379	
0.3147	-0.5653		-2.315	-5.117	-2.468	0.9347	-2.185	-4.265	0.1047
-0.06031	-1.55	-1.82	-1.67	-3.422			-3.23	-2.67	1.72
-1.742	-2.102	-1.312	-5.112	-4.393		1.178	0.8181	-0.001875	0.2181
-2.05	-1.7	-0.69	-4.33			0.92	0.94	0	-0.39
-0.43	-0.31	-1.04	-3.16	-3.691	-2.722	1.05	0.16	1.54	0.86
0.3281	-2.872	-0.8419	-3.092	-2.483	-3.244	2.048	1.568	-0.07187	1.038
0.18	-2.57	-0.17	-2.02	-4.241	-0.9125	0.33	0.53	1.08	5.37E-10
0.1712	-0.4988	-0.6688	-1.569	-2.82	-0.8112	-1.039	0.7613	-0.08875	-0.4188
0.1212	-0.4788	-0.9288	-1.859	-3.17	-0.8312	-1.219	0.5313	-0.3387	-0.5488

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.1987	0.1512	-0.6288	-2.559	-4.43	-1.021	-1.519	0.3613	0.6213	-0.05875
-0.145	0.265	0.605	-1.265	-5.086	-4.047	1.375	0.275	0.545	0.725
-0.55	-1.24	1.08	0.06	-5.371	-4.552	0.38	-0.19	0.03	5.37E-10
0.09	-0.21	1.14		-5.061	-5.402		0.86	-1.25	
-0.85	0	0.06	-3.72	-5.181	-3.282	-1.69	-1.16	0.17	0.45
-0.4103	1.82	1.14	-3.89			0.7297	-0.8403	0.4297	4.75
0	2.82	0.03	-4.07	-3.451	-4.632		0.4	-0.62	1.73
0.02	0.45	-3.06	-2.86		-1.922		0.88	-0.02	-1.44
0	0.19	-1.74	-2.08		-3.302		0.03	0.3	-2.5
-1.074	0.7956	-2.524		-2.146	-3.007	0.4156	0.3356	-0.06437	-3.744
-0.21	-0.37	-0.79	-1.36	-2.801	-2.182	-0.76	0.67	1.19	-0.62
-0.9719	-0.5619	-3.132	1.258	-2.563	-3.814	-0.02188	0.2081	0.8081	-1.732
-1.67	0.33	-0.12	-1.63	-1.291	-1.012	-0.52	3.32	0.05	-0.05
-0.8888	-3.719	-1.379	0.4712	-0.33	-2.281	0.2813	-0.4987	0.4113	-0.7988
	-0.1509	-0.4409	-0.5009		-2.893	1.999	1.109	-0.7809	0.2691
-1.349	0.1006	-0.02938	-0.9594	-0.5806		2.771	1.451	-0.7894	-0.9294
-0.9875	-0.7675	-0.4175	-1.128	-0.8188	0	1.082	0.2025	-0.6075	-0.0075
-1.288	-3.068	-2.008	-2.508	0.00125	1.95	1.522	-0.5975	-0.9775	0.8525
0	-0.14	-1.35	-0.37	-0.08125	-0.4525	0.75	-0.75	-0.2	-0.2
-0.66	-1.74	-0.47	0		-3.902	0.18	0.07	0.36	-1.29
0.08125	-0.7488	-1.559	-1.279	0.78	-0.06125	-0.5788	0.2013	0.7213	-0.3888
-0.695	-0.225	0.225	-1.545			-0.535	1.815	-2.795	2.525
-2.7	-1.68	-0.45	-2.82	1.379	0.5475	0.57	1.52	-1.33	3.02
-4.104	-2.994	-2.154	-4.614	2.305	-0.03625	-4.204		-3.754	
-2.44	0	-2.16	-2.22			-1.32	-2.86	-1.61	5.24
1.1	4.03	0			-2.322		5.53	1.68	7.41
0.5103	3.45	1.39	-0.9997	0.4891	-1.732	-0.7097	5.03	1.17	7.03
0	2.1	-0.06	0.09	-1.961	-2.162	3.97	1.3	2.16	3.82
0.34	1.18	-0.09	-0.16	-0.6713	1.428	2.16	0	1.1	2.31
2.487	1.147	-1.683	1.277	-0.1244	-0.6856	1.257	-0.3231	2.447	2.967
-1.243	0.2069	-0.06313	0.6869	0.02563	-0.6456	1.157	1.327	1.037	1.717
0.01	-0.73	-0.01	1.08		0.2175	-2.28	3.97	0.75	
0.23	-0.84	-1.25	0.71	1.509	1.078	-1	1.92	3.38	-0.36
0.3412	-1.499	-1.039	0.2812	0.36	-0.03125		2.301	3.211	0.07125
0	-0.03	-0.46	0.3	1.469	1.908	-0.95	2.29	3.17	0.74
0.1813	-0.7488	1.671	-0.2288	0.65	-0.7912	-0.5187	2.941	5.861	3.931
	-0.1688	2.541	-0.08875	-1.89	-1.071	-0.2088	4.171	7.141	5.661

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0	-0.57	-1.27	0.72	-1.271	0.6875	1.4	1.05	1.05	0.09
0.55	0.04	0.81	-0.04	-3.781	-0.1925	4.22	1.42	-1.86	1.41
-0.2819	0.6281	-0.6719	0.2881	-1.783	0.2756	2.298	-1.352	-1.002	1.398
-0.5987	0.5312	-1.729	-0.8988		0.1288	0.3113	0.8813	1.241	1.251
-0.4144	1.906	0.1456	0.8056	-0.2856		3.046	3.506	2.506	
-0.25	0.14	-2.44	1.92	0.9488	1.578	2.3	3.07	0.64	
-0.02	0.49	-0.02	1.59	-0.4212		3.35	-0.12	0.02	0.75
0	1.96	1.29	3.98	1.109	-0.1225	3.53	1.61	1.83	2.32
-0.14	0.14	0.74	2.45	1.899		3.53	1.02	1.87	
0.8806	2.361		2.001	-1.371	2.068	3.231	1.981	1.641	0.1006
-0.7038	0.7662	-1.494	-0.7738		-0.1062	1.446	3.166	2.806	0.7662
-0.92	0.38	-1.42	-0.26	-1.241		0.26	2.76	4.75	1.34
0.1241	0.004062	-0.2659	3.224		-0.1784	0.4441	2.834	1.664	0.2441
-0.41	0.34	-1.31	0.34	0.4388	0.6075	0.99	0.6	0.7	1.48
0	0.05	-0.34	-0.87	0.8488	-2.682	1.2	1.22	2.24	1.12
-0.2388	1.781		-0.6988	2.67	-1.461	1.211	3.051	1.541	1.461
0.65	0.54	0.05	-3.35	0.8188	-0.8825	-0.1	1.47	1.35	
0.42	0.5	-1.21		1.289	-0.9425	-0.17	1.18	1.24	0.93
0.3112	-0.1688	-0.1888	-0.9088	-0.59	-0.3612	0.6213	0.2513	0.9913	0.7412
-0.51	-0.64	1.09	-0.32	0.01875		0	1.54	1.15	1.98
-0.61	-0.1	0	-0.61		1.868	-2.54	2.61	0.74	2.7
-1.372	-1.642		0.5381	2.847	3.506	2.488	3.938	-1.202	6.178
-0.36		1.27	0	1.339	2.758	1.66	2.88	-0.31	4.93
-0.1887	-0.6488	-0.4288	0.7812	1.49	2.199	1.181	2.281	0.6113	3.791
-0.3488	-1.359	-0.5388	0.7212	0.25	0.8088	1.451	1.241	0.7913	
-0.18	0.19	-0.79	-0.65	-0.5812	-0.7325	2.36	2.28	3.05	1.95
-0.06	1.79	0	1.95	-1.941	-2.282	4.06	3.49	2.43	3.45
-0.51	1.78	0.82	1.67		-2.432	4.09	3.32	2.16	3.32
-0.1609	1.919	-0.02094	1.939	-2.062	-1.243	4.449	4.219	2.719	3.729
0.39	-1.42	-0.82	0.4	-2.051	-0.6225	1.55	-0.29	1.61	2.46
1.251	-1.479	0.5312	4.071	-1.45	-0.4712		2.381	4.591	3.671
-1.182	-0.6919	-1.312	-0.1719	-0.8231	-1.584	2.948	2.878	2.148	1.448
-1.58	-0.04	-1.26	2.8	2.129	0.8475	4.35	1.98	1.91	1.07
0.2113	-0.06875	-0.7688	1.011	1.03	-0.2512	2.351	1.731	2.021	2.241
-2.979	-3.009		2.291		0.3388	3.291	2.751	3.551	2.531
0.02625	0.09625	0.2762	2.116	0.445	-0.02625	2.686	3.046	2.206	2.296
0.69	-1.14	-0.57	0	-2.001	1.598	1.36	1.47	1.25	2.2

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-1.829	0.1106	-0.1994	-1.609	-2.651		3.161	2.861	2.401	
-0.2738	-0.5238	-1.034	-0.04375		0.04375	2.456	1.476	0.7263	1.936
-1.009	-0.2488	-0.8288	-3.029	-1.83	-1.311	1.831	1.891	2.281	2.761
-1.454	-0.2644	-0.4044		-1.036	-1.387	3.546	3.636	3.966	4.396
0.91	-0.77	-0.02	0.2	-3.221	-2.612	2.98	2.08	2.69	2.31
1.12	-0.69	-0.36	0	-2.421	-1.712	2.91	1.53	2.56	2.29
-2.251	-2.061	-2.131	-2.611	-2.412	-2.593	3.979	2.259	5.329	3.899
-1.34	-0.93	0	-0.92	-0.9212	0.0375	3.83	1.87	4.2	4.22
1.58	-3.45	-0.1	-0.32	-4.581	-2.342	3.15	1.57	4.87	3.31
0.8212	-0.9988	-0.1888	-0.6988	-0.08	0.2588	2.631	1.181	3.091	2.911
-0.79	-1.31	0	-0.5	-0.8612	-1.352	4.9	3.3	3.47	4.45
-1.432			-0.9719	-1.693	-0.8744	4.958	3.478	4.158	4.338
-0.4	-1.72	-0.96	0	-0.2012	-0.3025	5.34	3.86	4.39	4.61
-1.695	-1.725	-2.535	-1.215		-3.358	5.985	3.005	3.445	2.465
-2.39	-1.68		0			5.01	1.8	2.48	1.91
	-3.872	-2.022	-2.482		-4.504	4.508	2.458	4.028	4.018
0.6025	1.002	0.9825	-0.1475	0.00125	-1.54	4.892		1.783	3.902
0.02	0			-0.06125	0.3975	4.04	2.97	0.87	2.71
-0.2394	0.5906	0.05062	0.2006	-0.2606	0.2881	3.951	2.561	0.3106	3.851
-1.082	-1.012	0.5581	2.558	-0.1431		2.478	3.708	2.878	2.948
-1.026	-0.3359	-0.9959	2.334		-0.5184	2.344	3.114	2.274	2.574
0.17	-5.03E-10	5.03E-10	3.36	-0.4412		5.3	2.94	3.6	4.87
-0.7287	-0.3488	-0.2788	1.451	0.37	-0.1712	2.871	1.621	1.321	2.161
3.48	-0.11	0	-0.3		-1.742	7.03	4.01	5.86	4.72
0	-1.77			-1.101	-0.8625	4.97	4.14	5.11	3.67
-1.03	0.55	0					4.1	3.68	6.65
-0.7187	2.351	0.4212	0.1512	-1.26	-0.7612	3.191	4.951	3.691	
-0.39	3.33		-0.17	-0.3112	0.2675	4.03	4.31	4.39	6.77
-1.576	1.544	0.2741	2.304			4.024	2.144	1.874	4.474
-1.552	1.708	0.4681	2.308	-2.983		3.868	2.178	2.098	4.448
0.1812	-0.3688	-0.3588	1.921	-0.33			2.921	3.191	
-0.2944	-0.5644	-0.9644	1.416	0.1044	2.243	1.666	2.836	3.156	
0.9	-0.31	0	1.98	3.079	2.858	3.28	2.84	3.39	4.02
0.3906	-0.2694	-0.5194	1.481	2.969	2.368	3.071	2.131	3.081	3.751
-0.2644	-0.4544	-1.524	1.356	2.554	3.153	3.056	3.426	3.906	3.936
0.3369	-0.5431	1.457	5.437	0.04563	5.584	4.707	4.777	3.337	4.147
0	-0.41	0.4	5.23	2.009	5.258	4.36	4.37	3.14	4.33

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.05875	-0.5588	1.751	0.5112	0.09	3.699	3.911	5.451	5.591	3.501
-0.3088	-0.1388	0.05125	-0.1988	-1.31	-1.391	1.311	2.401	3.361	3.021
-0.8631	-1.223	0.1769	2.267	-0.08437	-0.7356	2.787	2.467	2.277	2.657
0.9781	-0.5019		-0.8719	-0.8531		4.098	4.978	4.548	4.458
-1.779	-0.7688	0.6012	-1.409	0.69	-1.831	0.5013	2.541	4.401	4.661
-2.414	-0.8644	-0.7844	-2.194	2.244	-1.927	0.9056	2.966	5.116	5.546
-2.489	-0.7188	-0.7388	-1.949	1.68	-1.831	1.001	3.101	5.041	5.091
-0.96	-0.62	-0.44	-0.91	1.119	-0.8125	0.01	2.26	3.47	4.14
1.131		1.391		-0.09	0.08875	-0.2488	2.841	4.961	3.681
0	0.36	0.57	-0.59	-1.911	-2.152	-0.86	2.74	4.96	4.71
-0.1475	-0.5075	0.2525	1.902	0.00125	0.38	1.792	1.893	2.923	2.142
-0.4144	-1.644	-0.06438	1.876	-0.5756	-1.077	2.386	2.426	3.836	5.306
-0.2759	-1.036	-0.5759	-0.6659	-0.5672	0.1816	3.104	1.314	1.084	1.424
-0.92	0.04	0	-0.26	0.8988	-1.082	2.88	1.04	1.12	1.54
-0.5	0	-0.51	0.44		-0.1625	2.76	2.07	2.06	2.45
	-2.019	-0.6294	-0.1294	-1.571	-1.012	0.7806	2.791	5.071	6.081
0.63	-0.73	-1.8	-2.34	-1.521	-1.662	0.08	1.65	4.12	4.41
0.4413	0.6512	0.6212	-1.009	-0.87	-0.6312	0.1013			3.351
0.4756	-0.4244	-0.7644	1.206		2.283	0.1156	5.926	2.576	5.576
0.56	-1.08		-1.73			3.36	3.28	2.39	3.56
0.4881	-0.09188		0.7981			2.068	1.728	3.258	1.148
-0.17	0.79	-0.99	-0.62	-0.6412	0.8275	2.31	2.71	1.46	1.37
3.745	-0.335	3.345	-0.795	-3.056		4.215	6.145	3.375	4.715
4.981	-0.009375	4.561	-0.2794		-1.062	5.871	7.091	4.741	7.311
5.361	-0.3888	5.171	-0.3588	0.96	-1.501	6.341	7.321	4.571	7.201
0.29	0.58	-0.24	-1.77	-2.441	-1.092	1.64	1.03	1.04	2.01
0.7712	0.8212	-0.05875	-0.6688	-0.42	-0.5412	2.541	1.561	1.511	2.551
0.86	0.83	-0.24	-1.82	-2.561	-1.942	2.73	1.98	1.57	3
-0.1809	-0.6209		1.639	-0.4222	-2.063	3.299	1.339	2.859	1.939
-0.9	-0.08	-1.17	1.89	-2.331	-2.242	4.09	2.11	3.22	2.41
-1.28	-1.21	-1.05	-0.13		-1.842	3.81	2.39	1.98	1.47
-0.73	-0.58	-0.65	0	-2.341	-1.482	4.09	2.86	2.19	2.05
-1.56	0	1.28	-1.02	-1.991	-3.432	2.71	2.21	1.24	0.61
-0.7531	-1.813		-0.4331	-0.2344		4.167	3.597	2.357	3.027
0	-0.37	0.65	-1.51	0.05875	-1.602	1.31	1.7	1.78	1.57
-2.269	-1.499		-1.299	-1.1		2.751	1.831	3.471	1.221
0.4312	-2.399	1.191	-0.9488	-1.32	0.7688	1.531	1.811	1.281	2.301

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.17	1.02	-0.34	0.44	1.319	0.6875	1.59	1.71	1.94	0.03
0.375	1.015	-0.065	0.605		0.8425	2.265	1.625	2.225	0.065
-0.665	-0.835	0.095	-0.095		0.2325	-0.705	3.115	3.765	2.195
0.2	0.08	-0.15	-0.7	-2.211	-1.562	-1.04	-1.27	0	3
-0.6159	2.584	-0.2459	1.614	-1.277	-2.208	0.9041	1.854	2.394	5.864
-1.32	0.69	-0.78	-0.02	-0.5412		-0.42	0.46	0.96	3.32
-2.05	1.34	-0.05	1.19	-0.2312	-0.5825	0.2	1.93	-0.62	1.15
0.21	1.17	0.94		-1.071	-0.7325		2.33	0.43	
0.02	-0.19	-0.53	0.66	0.8588	0.0175	0.12		-0.12	5.37E-10
0.78	0	0.89	0.74	-0.8412	0.3075		0.37	1.16	-0.59
-0.42	1	1.12	3.34					0	2.73
0.74	-0.11	0.21		-0.6212	-0.1525	-0.74	-0.48	1.04	1.48
-0.4988	-0.4488	-1.189	1.661	0.55	-1.871	0.6813	-0.7387	1.051	0.6012
-0.6175	0.9825	-0.3275	0.4625	-0.6188	0	1.652	2.002	-0.4175	0.5825
1.61	0.74	0	-0.48	-0.9012	-1.222	2.31	2.67	1.16	0.21
-1.249	-0.2788	0.6512				2.381	0.07125	2.791	-0.1788
0	-0.57	-1.17	0.87	0.3488	-0.8125	0.22	-0.02	1.36	1.86
0.08125	-0.9988	-0.7388	-0.4688	-2.33	-1.811	-0.4188	0.9613	1.181	1.671
0.3081	-0.8819	-0.8419	-0.2519	-0.5431	-0.8344		0.5881	0.5581	1.158
0.14	-1.13	-0.31	0.47	-0.5413	-1.012	0.18	0.09	0	1.27
-0.9844	0.5656	-0.1344	-0.3844	-1.116	-0.6569	0.4956	1.516	1.346	1.846
-1.069	1.181		-1.239	-1.85	0.1688		0.9412	0.8013	0.2712
1.184	-0.09594	1.194	-0.1059	-2.797	-0.7984	0.5241	1.944	-0.7859	0.01406
0.35	-0.16	1.18	-0.56		-3.082		1.52	0.6	-0.37
-1.14	-0.8	-0.1	-1.68	0.1188	0.1875	-1.63E-11	0.48	0.99	0.49
-0.0475	-0.6975	-1.138	0.2125		0	0.8225	0.3325	0.7825	0.1325
-0.2859	0.6141	0.02406	1.994	-0.9272	-0.6484	0.3341		0.4741	0.9841
-0.4588	0.5112		0.06125	0.18	-0.1212		1.561	0.1813	-0.1188
0.06125	-1.299	-0.04875	0.1912	0.44	-0.3712	-0.2087	0.00125	0.2013	0.8012
-0.6844	0.4556		-0.05438	-0.6056	-0.6969	-1.384	1.316	1.086	-0.06437
0.48	1.41	1.63	-0.57	0.4388	-0.4625	-0.63	-0.14	-0.81	0.29
-0.1638	-0.1238	0.8862	3.046	-0.005	3.764	0.3962	1.446	0.6563	0.00625
0.07	-0.75	-1	1.1	1.179	1.338	-1.1	0.14	0	-0.25
0.6906	1.221	1.961	-0.03938	2.189	-1.802			0.7506	2.341
0	0.43	-0.7	0.29	-0.1812	0.0275	0.55	0.82	0.08	0.77
-1.982	-0.5119	-1.262	-0.3219	-0.9731	0.1456	-0.2019		-1.192	0.01812
-0.6175	-1.328	-1.218	0.8625	0.2412	0	-0.0675	-1.468	-0.0875	1.082

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
-0.375	0.195	0.155	-0.125	1.724	-1.867		0.165	1.915	1.825
-0.1159	0.2841		-0.1559	0.09281	-0.8184	-0.6759	0.8641	2.064	1.924
0		-0.08	-1.03		-1.822	0.33	0.2	0.81	2.09
0.9012		-0.3788	-0.7488		0.3588	-0.4288	0.8613	1.071	-0.2688
0.2706	-1.249		-0.4194		0.9481	1.011		1.921	0.4006
1.211	0.09062		0.1506	-1.351	-0.8919	-0.02937	2.181	2.091	3.201
-0.1	0	0.31	-0.08	-0.1912	-0.1625	-0.03	1.19	3.09	0.14
-0.7	0.28	-0.02	-0.4	-0.7213	-0.1325	1.83	0.64	0	1.01
0.5512	-1.389	-0.09875	-0.9988	-0.19	-2.881	0.5412	-1.809	0.6713	0.6112
-0.9687	1.231	-0.1988	3.531		0.3388	-1.929	2.011	3.611	-1.549
-2.42	-2.64	-2.92	-0.39	-1.191	1.308	-1.21	0	-1.16	0.69
-1.049	0.1712	-0.4288	-0.6788	-1.78	-0.02125	0.02125	-0.8187	-0.7487	0.7412
0	-0.97	-1.29	2.44	-1.571	-1.022	0.67	0.43	1.04	1.21
-0.58	-1.21	-1.16	0.37	-0.9812	-0.6525	1.29	0.21	0.23	1.78
	-2.752	-1.702	0.8381	-1.463		-2.782	-1.622	-0.6919	-2.382
-0.5875	-1.048	-0.8075	1.532	-1.019	0	-1.228	-1.748	-0.4175	-0.7875
-0.7775	-1.168	-0.6075	-0.1975	-0.01875	0	1.392	0.6025	-0.3275	0.2425
-0.71	-2.29	-0.52	-0.15	0.2688	-0.4325	0.57	0.8	0.58	5.37E-10
-1.012	-1.142	-1.212	1.478	0.1869	-0.05437	0.7281	-0.3319	1.248	1.308
-1.782	-0.4819			-2.033	-1.004	0.5581	-0.7819	0.5981	0.7781
-1.85	-0.8	-1.58	0.63	-2.291	-2.322	0.1	1.2	-1.24	-1.51
-1.45	-0.37	-1.33	0.63	-4.041	-1.952	0.86	0.71	-1.24	-0.7
-0.21	-0.72	-1.55	-0.01	-0.7913	1.248	-1.23	0.76	0	-0.77
0	-1.13	-0.98	0.19	-0.2212	0.6575	-0.05	-0.35	0.04	0.61
-0.84	-1.43	-1.61	2.27	-1.601	-1.322	1.28	0	-0.6	0.9
-0.7909	-0.2409	0.7191	0.1591	-0.3722	0.7766	-0.9609	-0.5609	0.8291	0.5691
-1.06	0.92	-0.66	1.48	1.159	-0.9025	2.99	1.23	0.99	-0.28
1.04	1.21	0.65	-1.63	-1.331	-2.242	-0.44	1.91	2.19	0.37
0.8056	1.046	0.3356	-1.654		-2.137	-0.5544	1.786	1.816	0.3656
-0.06	1.46	0.52	-0.98	-0.3612	-0.4725	0.93	0.52	0.51	0.46
-0.5087	-0.4988	-0.02875	0.6512	0.03	-0.7412	0.5513	0.8213	0.3613	1.231
-0.33	-0.23	-0.13	0	0.6988	-0.5125	0.57	0.99	-0.13	1.02
-1.198	-0.0675	-0.0875	-1.018	0.00125	-2.12	1.802	2.853	2.663	3.412
-0.05	-0.05	0	-0.31	-1.351	-1.812	0.66	0.48	0.69	
-0.565	-0.835	-0.255	-0.015		-1.927	-0.115	0.015	1.155	1.405
-0.32	-1.33	0.48	1.01	1.009	1.268	0.42	1.39	-0.66	5.37E-10
0.4112	0.2812		7.241	0.03	-0.1512	-1.289	1.181	0.5813	0.2112

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.755	-1.145	1.395	0.435			-0.435	2.075	1.825	
-0.33	-1.59	0.88	2.35			-0.84	0	0.4	-0.39
0.1	-0.37	1.57	3.78	4.019	0.9875	4.32	1.66	-1.46	
-1.76	-0.46		0.6	1.149	1.148	2.6		-0.67	
-2.6	-2.31	-1.53	2.93	3.958	1.797	2.37	1.4	-0.4803	0.6197
-1.12	-1.35	-0.37	3.07	4.429	1.958	2.66	2.03	0	0.82
-0.45	-0.75	0.53	2.52	1.619	0.5375	-0.2	0.02	1.4	0.58
	-1.039	-0.2188	-2.549		1.249	2.231	3.261	-0.1287	0.06125
-0.22	-1.02	-1.55	0.46	0.4788	0.7975	1.85	2.71	-0.33	0.4
-0.5094	-1.259	-0.8194		-0.6806	0.3181	1.591	1.601	0.1406	0.8206
0.2212	-1.049	-1.029	0.3412	1.14	1.479	2.941	3.081	0.1613	0.7312
-0.9209		-0.7809	-3.161	-3.672	-2.573	4.959	4.029	0.2991	1.019
-0.54	-1.35	-1.22	-0.82	-0.8212	0.5175	3.93	3.19	0.7	1.37
-0.26	-0.75	-0.51	0	-0.3012	-1.372	4.52	3.72	0.99	1.33
0.06	-1.15	-0.65	-1.41	-1.491		5.16	4.32	1.31	1.6
-1.14	-1.2	-1.44	1.86	-0.2112	-0.5925	4.38	3.7	0.61	1.17
-0.04	0.04	-0.69	-0.2	1.329	1.608	3.72	3.9	0.06	0.63
0.11	-0.34		0.44	1.609	1.718	3.68	3.54	-0.11	0.74
0.27	-3.88	-1.34		1.329	0.9475	1.85	-0.78	0.45	0.83
-0.9475	-1.138	-0.3475			0		1.352	-0.0575	-0.0675
-0.86	0.47	-0.51		0.7988	0.1775	2.2	0.09	1.03	-0.2
-0.22	0.45	-0.95	1.27	0.8488	-1.372	-0.58	0.25	-0.02	0.82
-0.6919	0.4581	0.06812	0.02812	2.517	-1.244	-0.8319	1.128	-0.4919	0.1681
-0.2619	-1.042	-1.112	-1.352	1.467	0.04563	0.9881	-0.1919	-0.1219	0.06812
0	-0.01	-0.1	-0.61	-0.00125	-0.5225	2.01	-2.09	-0.44	-0.01
-0.35	-1.44	-1.89	-0.21	0.3288	-1.182	-1.66	-2.04	0.56	0.43
-0.4959	-0.7059	-0.3659	0.7641	0.4728	1.022	-0.2259	0.3741	0.2741	2.114
0.6625	-0.9175	-0.6375	1.302	0.00125	0.09	-0.8775	0.8625	1.293	0.5425
0.72	-6.82E-09		0.56	-0.02125	0.2675	0	-1.11	0.63	-0.57
0	0.77		-0.63		-0.6825	0.5	0.33	-0.07	5.11
-0.4	1.35	0.23	-0.4	-0.6212	1.128	0.15	-1.43	-0.16	1.92
-0.2397	-0.8797		0.9503	-0.1109	0.6278	-0.6997	-0.3497	1.88	-0.6897
-0.3209	0.5891	0.4891	-1.541	0.9678		0.7891	-0.8009	-1.391	-3.061
1.141	1.331	-0.3388	0.6912	0.01	-0.2012	-1.459		-0.3687	-0.00875
0.2813	0.5212	-0.3488	1.441	0.14	-1.341	0.7013	3.141	0.1713	-0.1387
2.182	1.172	1.432	0.5425	-0.1288	0	-1.208	1.922	-0.6575	0.3325
1.725	0.975	0.075	0.075	-0.8362	-0.1375	0.285	4.025	-1.525	2.455

Table 2

SW872	BT-549	HS578T	RPMI-8226	MOLT4	NB4+ATRA	SK-BR-3	BT-474	MCF7-NCI	T47D
ARRY8X	ARRY10X	ARRY9X	ARRY16X	ARRY18X	ARRY17X	ARRY12X	ARRY13X	ARRY15X	ARRY14X
0.52			2.35		-0.0625	2.1	2.03	-1.23	-0.68
0.005625	-0.3644	0.2056	3.306		0.1531		0.2956	-0.5544	-0.9844
2.146	-0.6144	-0.2144	0.1256		-2.547	1.246	-0.9144	0.5656	1.066
0.79	0.37	0.75	3.69	-1.111	0.2075	0.45	-0.32	0	-0.45
1.24	0.96	2.63	2.31	-0.6212	-0.8025	0.12	-0.44	-0.41	5.37E-10
0.8125	-0.6575	0.2925	1.732	0.8912	0	-1.138	2.332	0.7625	-0.6575
1.322	1.192	0.6725		-0.08875	0	-1.408	0.1225	1.212	1.072
0.9612	-0.3788	-0.4888	-0.2188	0.33	0.2188		1.361	-0.2987	2.231
-2.115	0.915	0.035	2.215	-2.226	-2.837	-0.225	2.135	1.845	-2.355
1.119	-1.091	-1.071	-1.331	-0.9222	-2.553	2.089	-1.261	0.5191	
0	0.22	-0.15	0.89	-0.1712	-0.0125		-0.18	0.68	
1.174	0.04406	0.1341	1.534	-1.147	-1.328	0.1441	1.384	-2.076	0.3241
0.3812	0.5412	-0.08875	1.701	0.45	1.309	0.1612	0.9213	-0.3587	-0.1688
-2.245	-0.055	0.435				0.055	1.505	-2.485	0.285
-1.138	0.1019		2.442	-2.369	0.09938		-0.4481	-1.568	-1.128

Table 1

	YORF	NAME
	AID	
	EWEIGHT	
1	GF202:96(116F12):384(16L23)	ESTS, MODERATELY SIMILAR TO FK506-BINDING PROTEIN 65KD [M.MUSCULUS] AA496878
2	GF202:96(114E4):384(16I8)	CHONDROCYTE-DERIVED EZRIN-LIKE PROTEIN AA486435
3	GF200:96(3F2):384(1L4)	MATRIX METALLOPROTEINASE 9 (GELATINASE B, 92KD GELATINASE, 92KD TYPE IV COLLAGENASE) T72581
4	GF200:96(13B3):384(4C5)	DUFFY BLOOD GROUP T82477
5	GF200:96(23C5):384(6F10)	HEPARIN COFACTOR II T62086
6	GF201:96(68A8):384(24A16)	RIBOSOMAL PROTEIN S6 KINASE, 90KD, POLYPEPTIDE 3 R95841
7	GF200:96(7D1):384(2H2)	RIBOSOMAL PROTEIN S6 KINASE, 90KD, POLYPEPTIDE 3 H55921
8	GF200:96(31D11):384(8H22)	ESTS, WEAKLY SIMILAR TO RIBOSOMAL PROTEIN S6 KINASE 3 [H.SAPIENS] H67666
9	GF201:96(89C5):384(11F10)	LEUCYL/CYSTINYL AMINOPEPTIDASE H08816
10	GF201:96(93C9):384(12F18)	MEIS (MOUSE) HOMOLOG 2 R59167
11	GF201:96(70B12):384(24D23)	ESTS, WEAKLY SIMILAR TO HIGH AFFINITY IMMUNOGLOBULIN GAMMA FC RECEPTOR I B FORM PRECURSOR [H.SAPIENS] N71796
12	GF201:96(70B4):384(24D7)	291290 N72228
13	GF200:96(8E10):384(2J19)	TIGHT JUNCTION PROTEIN 2 (ZONA OCCLUDENS 2) W31983
14	GF200:96(5H1):384(2O1)	HISTAMINE N-METHYLTRANSFERASE H53274
15	GF201:96(98A1):384(13B1)	ANTIGEN IDENTIFIED BY MONOCLONAL ANTIBODY MRC OX-2 H23979
16	GF201:96(97A4):384(13B8)	229901 H70866
17	GF200:96(19A7):384(5B14)	HOMO SAPIENS MYOSIN LIGHT CHAIN KINASE (MLCK) MRNA, COMPLETE CDS AA487215
18	GF200:96(4G3):384(1N5)	547247 AA085318
19	GF200:96(5D9):384(2G17)	NEURONAL PENTRAXIN I H22481
20	GF200:96(24F1):384(6L1)	HOMO SAPIENS MRNA; CDNA DKFZP586A1519 (FROM CLONE DKFZP586A1519) AA452981
21	GF200:96(13F3):384(4K5)	COLLAGEN, TYPE XV, ALPHA 1 AA464342
22	GF201:96(99H11):384(14O21)	79565 T62854
23	GF200:96(13C4):384(4E7)	DECAY ACCELERATING FACTOR FOR COMPLEMENT (CD55, CROMER BLOOD GROUP SYSTEM) R09561
24	GF200:96(7C3):384(2F6)	CALCIUM/CALMODULIN-DEPENDENT PROTEIN KINASE (CAM KINASE) II GAMMA T96083
25	PEROU:96(6D5):384(20G10)	ALPHA-1-ANTICHYMOTRYPSIN N72559
26	GF201:96(56E2):384(21I4)	HUMAN CHROMOSOME 16 BAC CLONE CIT987SK-A-362G6 N75498
27	GF201:96(96E4):384(13I8)	COMPLEMENT COMPONENT 1 INHIBITOR (ANGIOEDEMA, HEREDITARY) AA481438
28	GF201:96(85E6):384(10J12)	P311 PROTEIN H80685
29	GF202:96(110A7):384(15A14)	EXOSTOSES (MULTIPLE)-LIKE 2 AA490078
30	GF201:96(65D2):384(23H4)	503741 AA131466
31	GF201:96(102D12):384(14H23	46694 H10192
32	GF201:96(57D6):384(21H12)	ENDOTHELIN RECEPTOR TYPE B N29914
33	GF201:96(55A1):384(21A1)	768344 AA424996

Table 1

34	GF201:96(66C7):384(23F13)	156322 R72618
35	GF201:96(98B4):384(13D7)	ENDOTHELIN CONVERTING ENZYME 1 H18427
36	GF201:96(62H12):384(22P23)	428485 AA004514
37	GF201:96(56H11):384(21O22)	HOMO SAPIENS MRNA FOR KIAA0467 PROTEIN, PARTIAL CDS N95780
38	GF200:96(18H11):384(5O22)	AE-BINDING PROTEIN 1 AA490684
39	GF200:96(7B11):384(2D22)	AE-BINDING PROTEIN 1 AA490462
40	PEROU:96(2F4):384(19K8)	FIBROBLAST GROWTH FACTOR RECEPTOR 1 AA281189
41	GF201:96(97B11):384(13D22)	FIBROBLAST GROWTH FACTOR RECEPTOR 1 (FMS-RELATED TYROSINE KINASE 2, PFEIFFER SYNDROME) R54846
42	GF200:96(30B2):384(8C4)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.SAPIENS] AA281189
43	GF201:96(98F9):384(13L17)	ESTS, WEAKLY SIMILAR TO KIAA0291 [H.SAPIENS] AA488178
44	GF200:96(3G8):384(1N16)	MADS BOX TRANSCRIPTION ENHANCER FACTOR 2, POLYPEPTIDE C (MYOCYTE ENHANCER FACTOR 2C) AA234897
45	GF200:96(3H6):384(1P12)	LAMININ, GAMMA 1 (FORMERLY LAMB2) H24650
46	GF200:96(31G2):384(8N4)	HOMO SAPIENS MRNA; CDNA DKFZP566B0846 (FROM CLONE DKFZP566B0846) R62780
47	GF200:96(3A4):384(1B8)	PERIPHERAL MYELIN PROTEIN 22 R26960
48	PEROU:96(10C2):384(18F3)	DIHYDROPYRIMIDINASE-LIKE 3 (DPYSL3) AI831083
49	GF201:96(65B7):384(23D14)	133864 R28660
50	GF200:96(29G2):384(8M3)	47043 H10721
51	GF201:96(82E8):384(9J15)	HOMO SAPIENS BAC CLONE RG041D11 FROM 7Q21 AA032221
52	GF201:96(89C7):384(11F14)	HUMAN OVARIAN CANCER DOWNREGULATED MYOSIN HEAVY CHAIN HOMOLOG (DOC1) MRNA, COMPLETE CDS W69790
53	GF200:96(15E10):384(4J20)	TISSUE FACTOR PATHWAY INHIBITOR (LIPOPROTEIN-ASSOCIATED COAGULATION INHIBITOR) T47454
54	GF201:96(97E5):384(13J10)	ALDEHYDE DEHYDROGENASE 1, SOLUBLE AA664101
55	GF201:96(64D9):384(23G18)	HOMO SAPIENS MRNA FOR KIAA0758 PROTEIN, PARTIAL CDS N95226
56	GF200:96(26A2):384(7A4)	VON WILLEBRAND FACTOR AA487787
57	GF200:96(2G11):384(1M22)	PLATELET/ENDOTHELIAL CELL ADHESION MOLECULE (CD31 ANTIGEN) R22412
58	GF201:96(89E9):384(11J18)	MANIC FRINGE (DROSOPHILA) HOMOLOG H22922
59	GF201:96(88D8):384(11G16)	INTERCELLULAR ADHESION MOLECULE 2 R21535
60	GF200:96(28H8):384(7P15)	245147 N76361
61	GF201:96(93A5):384(12B10)	REGULATOR OF G-PROTEIN SIGNALLING 5 AA668470
62	GF201:96(86D9):384(10H17)	TEK TYROSINE KINASE, ENDOTHELIAL (VENOUS MALFORMATIONS, MULTIPLE CUTANEOUS AND MUCOSAL) H02848
63	GF200:96(29F5):384(8K9)	LIM BINDING DOMAIN 2 H74106
64	GF200:96(24E2):384(6J3)	KINASE SCAFFOLD PROTEIN GRAVIN AA478542
65	GF201:96(82E1):384(9J1)	359722 AA011182
66	GF200:96(15E1):384(4J2)	TYROSINE KINASE WITH IMMUNOGLOBULIN AND EPIDERMAL GROWTH FACTOR HOMOLOGY DOMAINS AA432062

Table 1

67	GF200:96(14B5):384(4C10)	CD34 ANTIGEN AA434483
68	GF200:96(12A12):384(3B23)	HUMAN DNA SEQUENCE FROM CLONE 1033B10 ON CHROMOSOME 6P21.2-21.31. CONTAINS THE BING5 GENE, EXONS 11 TO 15 OF THE BING4 GENE, THE GENE FOR GALT3 (BETA3-GALACTOSYLTRANSFERASE), THE RPS18 (40S RIBOSOMAL PROTEIN S18) GENE, THE SACM2 N78611
69	GF200:96(25F12):384(7K23)	69672 T53626
70	GF200:96(4A2):384(1B3)	HOMO SAPIENS KDR/FLK-1 PROTEIN MRNA, COMPLETE CDS AA026831
71	GF200:96(3H7):384(1P14)	LAMININ, ALPHA 4 R43734
72	GF202:96(109D2):384(15G3)	INTEGRIN BETA 3 {ALTERNATIVELY SPLICED, CLONE BETA 3C} [HUMAN, ERYTHROLEUKEMIA CELL HEL, MRNA PARTIAL, 409 NT] AA037229
73	GF201:96(91F10):384(12K19)	429349 AA007419
74	PEROU:96(7E6):384(20J12)	MITOGEN INDUCIBLE 2 H29253
75	GF201:96(91F4):384(12K7)	TRANSCRIPTION FACTOR 4 AA669136
76	GF201:96(83C5):384(10E9)	KIAA0476 GENE PRODUCT W81135
77	GF200:96(5E5):384(2I9)	DISABLED (DROSOPHILA) HOMOLOG 2 (MITOGEN-RESPONSIVE PHOSPHOPROTEIN) H54686
78	GF200:96(13E10):384(4I19)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.SAPIENS] N73030
79	GF200:96(13F9):384(4K17)	COAGULATION FACTOR II (THROMBIN) RECEPTOR AA456376
80	GF200:96(13G9):384(4M17)	CATHEPSIN E H94487
81	GF201:96(55D7):384(21G13)	ESTS, WEAKLY SIMILAR TO EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8 [H.SAPIENS] H73479
82	GF200:96(31B1):384(8D2)	BIGLYCAN N51018
83	GF200:96(14C7):384(4E14)	BIGLYCAN R77226
84	GF201:96(95C12):384(13E23)	GLYCOPROTEIN A REPETITIONS PREDOMINANT AA122287
85	GF201:96(57H12):384(21P24)	CADHERIN 11 (OB-CADHERIN, OSTEOBLAST) AA136983
86	GF200:96(13H10):384(4O19)	CADHERIN 11 (OB-CADHERIN, OSTEOBLAST) H96738
87	GF201:96(87H8):384(11O15)	MICROFIBRILLAR-ASSOCIATED PROTEIN 2 N67487
88	GF200:96(29G5):384(8M9)	TUMOR SUSCEPTIBILITY GENE 101 R02529
89	GF200:96(11C2):384(3F4)	DISCOIDIN DOMAIN RECEPTOR FAMILY, MEMBER 2 AA243828
90	GF202:96(109C9):384(15E17)	MICROTUBULE-ASSOCIATED PROTEIN 1B AA219045
91	PEROU:96(2H9):384(19O18)	THROMBOSPONDIN 1 AA007557
92	GF200:96(1E8):384(1I15)	THROMBOSPONDIN 1 AA464630
93	GF201:96(58F3):384(21L5)	NEUROPILIN 2 N26125
94	PEROU:96(10B7):384(18D13)	LATENT TRANSFORMING GROWTH FACTOR BETA BINDING PROTEIN 2 W52204
95	GF202:96(109B8):384(15C15)	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 7 T53298
96	PEROU:96(3B6):384(19D12)	VIMENTIN AA147847
97	GF200:96(15A11):384(4B22)	VIMENTIN AA487812
98	PEROU:96(9D12):384(18H24)	SPARC/OSTEONECTIN AA031595
99	PEROU:96(7A6):384(20B12)	SPARC N95151
100	PEROU:96(9E7):384(18J14)	SPARC/OSTEONECTIN AA045463

Table 1

101	GF201:96(86G9):384(10N17)	SECRETED PROTEIN, ACIDIC, CYSTEINE-RICH (OSTEONECTIN) H95960
102	PEROU:96(8D9):384(20H17)	COLLAGEN, TYPE V, ALPHA 2 AA004204
103	PEROU:96(7F4):384(20L8)	CD46/TROPHOBLAST-LYMPHOCYTE CROSS-REACTIVE ANTIGEN AA678559
104	PEROU:96(8F11):384(20L21)	FIBRILLIN 1 (MARFAN SYNDROME) AA056415
105	GF200:96(12G8):384(3N15)	FIBRILLIN 1 (MARFAN SYNDROME) AA418811
106	GF201:96(90E8):384(11J15)	LYSYL OXIDASE-LIKE 2 AA676458
107	GF200:96(25D8):384(7G15)	COLLAGEN-BINDING PROTEIN 2 (COLLIGEN 2) R71440
108	PEROU:96(3B4):384(19D8)	937223 AA181288
109	GF201:96(96E7):384(13I14)	COLLAGEN, TYPE IV, ALPHA 2 AA430540
110	PEROU:96(8A5):384(20B9)	COLLAGEN, TYPE IV, ALPHA 1 R78226
111	GF201:96(96E8):384(13I16)	COLLAGEN, TYPE IV, ALPHA 1 AA150402
112	PEROU:96(2D6):384(19G12)	1126447 AA679959
113	GF200:96(17F11):384(5K21)	LAMININ, BETA 1 AA446251
114	GF200:96(13F2):384(4K3)	COLLAGEN, TYPE XVIII, ALPHA 1 W07798
115	PEROU:96(8F4):384(20L7)	CONNECTIVE TISSUE GROWTH FACTOR AA044993
116	GF200:96(15D3):384(4H6)	TRANSCRIPTION ELONGATION FACTOR B (SIII), POLYPEPTIDE 3 (110KD, ELONGIN A) AA133129
117	GF200:96(25C11):384(7E21)	CONNECTIVE TISSUE GROWTH FACTOR AA598794
118	GF200:96(23E2):384(6J4)	754358 AA436142
119	GF202:96(112C8):384(15F15)	KIAA0569 GENE PRODUCT N45100
120	GF200:96(5F6):384(2K11)	ESTS, HIGHLY SIMILAR TO NIL-2-A ZINC FINGER PROTEIN [H.SAPIENS] H46553
121	GF200:96(30F7):384(8K14)	ESTS, HIGHLY SIMILAR TO NEURITIN [R.NORVEGICUS] R66101
122	GF201:96(99B3):384(14C5)	FMS-RELATED TYROSINE KINASE 1 (VASCULAR ENDOTHELIAL GROWTH FACTOR/VASCULAR PERMEABILITY FACTOR RECEPTOR) T52674
123	GF200:96(29H1):384(8O1)	HOMO SAPIENS CLONE 23887 MRNA SEQUENCE R98695
124	GF200:96(4E9):384(1J17)	HUMAN TRANSGLUTAMINASE MRNA, 3' UNTRANSLATED REGION R97066
125	GF201:96(88G2):384(11M4)	590692 AA156324
126	GF201:96(98H5):384(13P9)	FC FRAGMENT OF IGG, RECEPTOR, TRANSPORTER, ALPHA T53509
127	GF201:96(91H6):384(12O11)	FC FRAGMENT OF IGG, RECEPTOR, TRANSPORTER, ALPHA AA430668
128	GF200:96(7B5):384(2D10)	KIAA0022 GENE PRODUCT H60460
129	GF200:96(11A9):384(3B18)	HOMEO BOX D3 AA411244
130	GF200:96(19H10):384(5P20)	GROWTH FACTOR RECEPTOR-BOUND PROTEIN 10 AA136336
131	GF200:96(31C4):384(8F8)	129610 R16604
132	GF201:96(97B6):384(13D12)	BONE MORPHOGENETIC PROTEIN 4 AA463225
133	GF201:96(65D3):384(23H6)	301995 N89738
134	GF201:96(94E8):384(12J15)	HUMAN HOX2.2 GENE FOR A HOMEOBOX PROTEIN AA610066
135	GF200:96(10H1):384(3O2)	HOMEO BOX B5 H02340
136	PEROU:96(10C4):384(18F7)	H FACTOR (COMPLEMENT)-LIKE 1 W88788
137	GF200:96(14A2):384(4A4)	84750 T74567
138	GF200:96(4F8):384(1L15)	RETINOIC ACID RECEPTOR RESPONDER (TAZAROTENE INDUCED) 2 AA481944

Table 1

139	GF201:96(101F10):384(14L20)	HOMO SAPIENS MRNA FROM CHROMOSOME 5Q31-33 REGION T57920
140	GF201:96(55A2):384(21A3)	PLATELET-DERIVED GROWTH FACTOR RECEPTOR, ALPHA POLYPEPTIDE H23235
141	GF200:96(26A11):384(7A22)	THROMBOSPONDIN 2 H38240
142	GF200:96(1F4):384(1K7)	HUMAN TUMOR NECROSIS FACTOR-INDUCIBLE (TSG-6) MRNA FRAGMENT, ADHESION RECEPTOR CD44 PUTATIVE CDS W93163
143	GF200:96(13F4):384(4K7)	134783 R31701
144	GF200:96(1A10):384(1A19)	WINGLESS-TYPE MMTV INTEGRATION SITE FAMILY MEMBER 2 T99653
145	GF200:96(21E11):384(6I21)	SOLUTE CARRIER FAMILY 16 (MONOCARBOXYLIC ACID TRANSPORTERS), MEMBER 2 (PUTATIVE TRANSPORTER) AA425612
146	GF201:96(70E8):384(24J15)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4589520) [H.SAPIENS] AA043878
147	GF201:96(89E3):384(11J6)	MICROFIBRIL-ASSOCIATED GLYCOPROTEIN-2 AA056013
148	GF200:96(29C1):384(8E1)	197474 H52098
149	GF202:96(159D2):384(17H4)	786609 AA478481
150	GF201:96(90G11):384(11N21)	FIBROBLAST ACTIVATION PROTEIN, ALPHA AA405569
151	PEROU:96(6E9):384(20I18)	LARGE FIBROBLAST PROTEOGLYCAN PRECURSOR AA056022
152	PEROU:96(10C3):384(18F5)	LARGE FIBROBLAST PROTEOGLYCAN PRECURSOR AA056022
153	PEROU:96(10B9):384(18D17)	CHONDROITIN SULFATE PROTEOGLYCAN CORE PROTEIN AA722599
154	PEROU:96(10B4):384(18D7)	PLASMINOGEN ACTIVATOR, UROKINASE RECEPTOR AA147962
155	GF200:96(24F2):384(6L3)	FIBRONECTIN 1 R62612
156	GF200:96(12G2):384(3N3)	FIBRONECTIN 1 R62612
157	GF200:96(25H1):384(7O1)	HUMAN ISOLATE JUSO MUC18 GLYCOPROTEIN MRNA (3' VARIANT), COMPLETE CDS AA497002
158	GF201:96(58A11):384(21B21)	H.SAPIENS MRNA FOR INHIBIN BETA(A) SUBUNIT N27159
159	GF201:96(57A2):384(21B4)	HUMAN MRNA FOR FIBRONECTIN (FN PRECURSOR) N26285
160	GF201:96(85D11):384(10H22)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] H77494
161	GF200:96(10A2):384(3A4)	244703 N52533
162	GF200:96(5D1):384(2G1)	HOMO SAPIENS MRNA FOR NIDOGEN-2 AA479199
163	GF201:96(88F8):384(11K16)	LIM DOMAIN ONLY 7 H22826
164	GF201:96(81A6):384(9B12)	LIM DOMAIN ONLY 7 AA005112
165	GF200:96(3G11):384(1N22)	LUMICAN AA453712
166	GF201:96(67C12):384(24E23)	782701 AA447610
167	GF201:96(88C1):384(11E2)	LAMININ, ALPHA 2 (MEROSIN, CONGENITAL MUSCULAR DYSTROPHY) AA034939
168	GF201:96(96C1):384(13E2)	DERMATOPONTIN R48303
169	GF200:96(23F9):384(6L18)	HEVIN AA490694
170	GF200:96(26G11):384(7M22)	SECRETED FRIZZLED-RELATED PROTEIN 4 AA486838
171	GF200:96(14B7):384(4C14)	CATHEPSIN K (PYCNODYSOSTOSIS) R01515
172	GF201:96(92H4):384(12O8)	OSTEOMODULIN N32201
173	GF201:96(101H5):384(14P10)	78921 T60482
174	PEROU:96(1F6):384(19K11)	PLATELET-DERIVED GROWTH FACTOR RECEPTOR-LIKE AA461197
175	GF200:96(6A2):384(2A4)	PLATELET-DERIVED GROWTH FACTOR RECEPTOR-LIKE AA455210

Table 1

176	GF202:96(116B12):384(16D23	MUSCULIN (ACTIVATED B-CELL FACTOR-1) AA470081
177	GF200:96(13F5):384(4K9)	COLLAGEN, TYPE V, ALPHA 1 R75635
178	PEROU:96(8E6):384(20J11)	471748 AA035018
179	PEROU:96(8E9):384(20J17)	SMOOTH MUSCLE ACTIN, ALPHA2 AA040169
180	PEROU:96(8C12):384(20F23)	TRANSGELIN/SM22 AA010664
181	PEROU:96(9C9):384(18F18)	SMOOTH MUSCLE PROTEIN 22-ALPHA AA010664
182	PEROU:96(8E7):384(20J13)	LUMICAN AA035657
183	PEROU:96(10C11):384(18F21)	FIBULIN 1 AA614680
184	GF200:96(10G12):384(3M24)	COLLAGEN, TYPE VI, ALPHA 3 R62603
185	GF200:96(22G4):384(6M8)	HOMO SAPIENS OSF-2 MRNA FOR OSTEOBLAST SPECIFIC FACTOR 2 (OSF-2P1), COMPLETE CDS AA598653
186	GF200:96(14F10):384(4K20)	COLLAGEN, TYPE III, ALPHA 1 (EHLERS-DANLOS SYNDROME TYPE IV, AUTOSOMAL DOMINANT) T98612
187	PEROU:96(10C5):384(18F9)	COLLAGEN, TYPE I, ALPHA 1 W90360
188	GF200:96(25D11):384(7G21)	COLLAGEN, TYPE I, ALPHA 2 AA490172
189	PEROU:96(8F6):384(20L11)	COLLAGEN, TYPE III, ALPHA 1 (EHLERS-DANLOS SYNDROME TYPE IV, AUTOSOMAL DOMINANT) AA044829
190	GF200:96(24F7):384(6L13)	COLLAGEN, TYPE III, ALPHA 1 (EHLERS-DANLOS SYNDROME TYPE IV, AUTOSOMAL DOMINANT) T98612
191	GF201:96(63A6):384(23A11)	COLLAGEN, TYPE I, ALPHA 2 W93067
192	GF201:96(86E1):384(10J1)	THY-1 CELL SURFACE ANTIGEN AA496283
193	GF201:96(92D9):384(12G18)	HOMO SAPIENS, ALPHA-1 (VI) COLLAGEN AA046525
194	PEROU:96(8F9):384(20L17)	COLLAGEN, TYPE VI, ALPHA 1 AA047209
195	PEROU:96(10D9):384(18H17)	COLLAGEN, TYPE VI, ALPHA 1 AA047209
196	GF201:96(91D10):384(12G19)	HUMAN ALPHA-2 COLLAGEN TYPE VI MRNA, 3' END AA633747
197	GF201:96(55A6):384(21A11)	HUMAN METHIONINE SYNTHASE MRNA, COMPLETE CDS AA233650
198	GF201:96(55B6):384(21C11)	265694 N25353
199	GF201:96(96E1):384(13I2)	COMPLEMENT COMPONENT 1, R SUBCOMPONENT T69603
200	GF200:96(25D5):384(7G9)	COMPLEMENT COMPONENT 1, S SUBCOMPONENT T62048
201	PEROU:96(9D6):384(18H12)	COMPLEMENT COMPONENT 1 S SUBCOMPONENT AA055520
202	PEROU:96(10A4):384(18B7)	INTERLEUKIN-1 RECEPTOR, TYPE I PRECURSOR R56687
203	GF200:96(4C6):384(1F11)	810213 AA464525
204	GF201:96(64C1):384(23E2)	INTERFERON, ALPHA-INDUCIBLE PROTEIN (CLONE IFI-6-16) AA460304
205	GF201:96(57F10):384(21L20)	LYSYL OXIDASE W60414
206	PEROU:96(9D2):384(18H4)	HUMAN LYSYL OXIDASE (LOX) GENE EXON 7 AA037732
207	GF201:96(84A10):384(10A20)	137984 R63085
208	GF201:96(62F6):384(22L11)	120678 T95650
209	PEROU:96(2F2):384(19K4)	TISSUE INHIBITOR OF METALLOPROTEINASE 3 (SORSBY FUNDUS DYSTROPHY, PSEUDOINFLAMMATORY) AA445923

Table 1

210	GF201:96(86D1):384(10H1)	TISSUE INHIBITOR OF METALLOPROTEINASE 3 (SORSBY FUNDUS DYSTROPHY, PSEUDOINFLAMMATORY) AA099153
211	GF201:96(95H6):384(13O11)	FIBULIN 1 AA134871
212	GF200:96(2G12):384(1M24)	PLATELET-DERIVED GROWTH FACTOR RECEPTOR, BETA POLYPEPTIDE R56211
213	GF201:96(66F1):384(23L1)	ESTS, WEAKLY SIMILAR TO MACROPHAGE LECTIN 2 [H.SAPIENS] N53421
214	GF200:96(1A7):384(1A13)	DOWN SYNDROME CANDIDATE REGION 1-LIKE 1 H19439
215	GF200:96(7F8):384(2L16)	HUMAN EXTRACELLULAR MATRIX PROTEIN 1 MRNA, ALTERNATIVE SPLICE VARIANT, COMPLETE CDS N79484
216	GF201:96(101F8):384(14L16)	80643 T57803
217	GF201:96(86G3):384(10N5)	SECRETORY GRANULE, NEUROENDOCRINE PROTEIN 1 (7B2 PROTEIN) AA670429
218	GF201:96(96H4):384(13O8)	CADHERIN 2, N-CADHERIN (NEURONAL) W49619
219	GF201:96(64E10):384(23I20)	428048 AA002061
220	GF200:96(12B7):384(3D13)	GROWTH ASSOCIATED PROTEIN 43 H05445
221	GF200:96(5F1):384(2K1)	MELAN-A N26562
222	GF200:96(12A5):384(3B9)	MANNOSIDASE, ALPHA, CLASS 1A, MEMBER 1 T85698
223	GF200:96(3D12):384(1H24)	MYOSIN VA (HEAVY POLYPEPTIDE 12, MYOXIN) AA025850
224	GF201:96(79C10):384(9E19)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] N67810
225	GF200:96(1E7):384(1I13)	THYROXIN-BINDING GLOBULIN T64901
226	GF200:96(24C11):384(6F21)	GLUTATHIONE PEROXIDASE 2 (GASTROINTESTINAL) AA135289
227	GF201:96(87B5):384(11C9)	PROTEIN KINASE C, MU N53380
228	GF201:96(83F2):384(10K3)	HOMO SAPIENS MRNA; CDNA DKFZP434N103 (FROM CLONE DKFZP434N103) AA431753
229	GF201:96(101H1):384(14P2)	HOMO SAPIENS CLONE 24421 MRNA SEQUENCE T60063
230	GF200:96(26F3):384(7K6)	PHOSPHATIDIC ACID PHOSPHATASE TYPE 2B T72119
231	GF200:96(21C4):384(6E7)	PHOSPHATIDIC ACID PHOSPHATASE TYPE 2B T71976
232	GF201:96(94F4):384(12L7)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA130874
233	GF201:96(58E11):384(21J21)	AMYLOID BETA (A4) PRECURSOR PROTEIN (PROTEASE NEXIN-II, ALZHEIMER DISEASE) W42849
234	GF201:96(86H11):384(10P21)	RAS HOMOLOG GENE FAMILY, MEMBER E W86282
235	GF200:96(16B5):384(4D9)	784593 AA443302
236	GF201:96(63G6):384(23M11)	ESTS, WEAKLY SIMILAR TO IGE RECEPTOR BETA SUBUNIT [H.SAPIENS] AA128162
237	GF201:96(55G4):384(21M7)	C3H-TYPE ZINC FINGER PROTEIN; SIMILAR TO D. MELANOGASTER MUSCLEBLIND B PROTEIN W16832
238	GF201:96(58C7):384(21F13)	FIBRINOGEN, A ALPHA POLYPEPTIDE AA011414
239	GF201:96(70C5):384(24F9)	L1 CELL ADHESION MOLECULE (HYDROCEPHALUS, STENOSIS OF AQUEDUCT OF SYLVIUS 1, MASA (MENTAL RETARDATION, APHASIA, SHUFFLING GAIT AND ADDUCTED THUMBS) SYNDROME, SPASTIC PARAPLEGIA 1) N27145
240	GF200:96(16B12):384(4D23)	RADIXIN AA477165
241	GF201:96(97B4):384(13D8)	BRANCHED CHAIN KETO ACID DEHYDROGENASE E1, ALPHA POLYPEPTIDE (MAPLE SYRUP URINE DISEASE) AA477298
242	GF200:96(14F1):384(4K2)	HUMAN BINDING PROTEIN MRNA, 3'END H89664

Table 1

243	GF201:96(85F7):384(10L14)	305809 N90051
244	GF200:96(12E9):384(3J17)	GELSOLIN (AMYLOIDOSIS, FINNISH TYPE) H72027
245	GF201:96(81E12):384(9J24)	259996 N32611
246	GF201:96(89A1):384(11B2)	SER-THR PROTEIN KINASE RELATED TO THE MYOTONIC DYSTROPHY PROTEIN KINASE N35241
247	GF202:96(112D8):384(15H15)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.SAPIENS] AA181868
248	GF200:96(16B2):384(4D3)	RIBONUCLEASE, RNASE A FAMILY, 1 (PANCREATIC) AA487797
249	GF200:96(7D12):384(2H24)	NEUREGULIN 1 R72075
250	GF201:96(87H1):384(11O1)	MONOAMINE OXIDASE B AA682423
251	GF200:96(18H9):384(5O18)	NUCLEAR FACTOR I/B W87611
252	GF200:96(15F8):384(4L16)	INTERLEUKIN 1 RECEPTOR-LIKE 1 AA128153
253	GF200:96(5C1):384(2E1)	SOLUTE CARRIER FAMILY 21 (PROSTAGLANDIN TRANSPORTER), MEMBER 2 AA037014
254	GF201:96(88E7):384(11I14)	INHIBITOR OF DNA BINDING 3, DOMINANT NEGATIVE HELIX-LOOP-HELIX PROTEIN AA482119
255	GF200:96(2A9):384(1A18)	SELECTIN E (ENDOTHELIAL ADHESION MOLECULE 1) H39560
256	GF200:96(27B1):384(7D2)	FLAVIN CONTAINING MONOOXYGENASE 3 H71847
257	GF202:96(110B7):384(15C14)	ENDOTHELIAL CELL-SPECIFIC W46577
258	GF201:96(93G3):384(12N6)	ANGIOPOIETIN 2 AA125872
259	PEROU:96(2C4):384(19E8)	MAX-INTERACTING PROTEIN 1 AA179689
260	GF200:96(3F4):384(1L8)	MATRIX METALLOPROTEINASE 1 (INTERSTITIAL COLLAGENASE) AA143201
261	GF200:96(23G1):384(6N2)	H.SAPIENS MRNA FOR GLUTAMINE CYCLOTRANSFERASE AA282134
262	GF200:96(6C4):384(2E8)	NEURONAL CELL ADHESION MOLECULE R25521
263	GF201:96(69A10):384(24B20)	213850 H72368
264	GF200:96(6E1):384(2I2)	WASP FAMILY VERPROLIN-HOMOLOGOUS PROTEIN N59851
265	GF200:96(10A11):384(3A22)	THYMOSIN, BETA, IDENTIFIED IN NEUROBLASTOMA CELLS N91887
266	GF200:96(2E8):384(1I16)	PTK7 PROTEIN TYROSINE KINASE 7 AA453789
267	GF200:96(15G12):384(4N24)	SIALYLTRANSFERASE 8 (ALPHA-N-ACETYLNEURAMINATE: ALPHA-2,8-SIALYTRANSFERASE, GD3 SYNTHASE) A AA169311
268	GF200:96(26F2):384(7K4)	HUMAN CLONE 23826 MRNA SEQUENCE AA173746
269	GF200:96(10H9):384(3O18)	HEXABRACHION (TENASCIN C, CYTOTACTIN) T77595
270	GF201:96(89D9):384(11H18)	CANICULAR MULTISPECIFIC ORGANIC ANION TRANSPORTER AA429895
271	GF201:96(79B7):384(9C13)	CAG REPEAT CONTAINING (GLIA-DERIVED NEXIN I ALPHA) R95691
272	GF200:96(32D11):384(8H21)	CAG REPEAT CONTAINING (GLIA-DERIVED NEXIN I ALPHA) N59721
273	GF200:96(4G6):384(1N11)	SMALL PROLINE-RICH PROTEIN 2C AA399674
274	GF201:96(89A2):384(11B4)	RIBOSOMAL PROTEIN L5 AA027277
275	GF201:96(89E4):384(11J8)	ESTS, MODERATELY SIMILAR TO ALTERNATIVELY SPLICED PRODUCT USING EXON 13A [H.SAPIENS] AA157955
276	GF200:96(28H5):384(7P9)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4929675) [H.SAPIENS] R01796
277	GF201:96(57C4):384(21F8)	PROSTATE DIFFERENTIATION FACTOR N26311
278	PEROU:96(6C9):384(20E18)	CYCLIN-DEPENDENT KINASE INHIBITOR 1A (P21, CIP1) N23941
279	GF200:96(2F1):384(1K2)	PROTEIN TYROSINE PHOSPHATASE, NON-RECEPTOR TYPE 1 R06605

Table 1

280	GF200:96(26H4):384(7O8)	QUINONE OXIDOREDUCTASE HOMOLOG AA668595
281	GF201:96(100D10):384(14G20	45629 H08730
282	GF200:96(21A3):384(6A5)	SULFOTRANSFERASE, ESTROGEN-PREFERRING AA449459
283	GF200:96(11E11):384(3J22)	PIRIN H69334
284	GF200:96(18G2):384(5M4)	HUMAN PROTEINASE ACTIVATED RECEPTOR-2 MRNA, 3'UTR AA454652
285	GF200:96(4A12):384(1B23)	INTEGRIN, BETA 8 W56709
286	PEROU:96(3B9):384(19D18)	INTEGRIN, ALPHA 2 (CD49B, ALPHA 2 SUBUNIT OF VLA-2 RECEPTOR) AA069096
287	GF200:96(4B4):384(1D7)	INTEGRIN, ALPHA 2 (CD49B, ALPHA 2 SUBUNIT OF VLA-2 RECEPTOR) AA463610
288	GF201:96(79B1):384(9C1)	271441 N34799
289	PEROU:96(1C11):384(19E21)	INTEGRIN, BETA 8 W56709
290	PEROU:96(6F2):384(20K4)	SECRETED FRIZZLED-RELATED PROTEIN 1 AA002243
291	GF200:96(25C8):384(7E15)	CRYSTALLIN, ALPHA B AA504943
292	GF201:96(55A3):384(21A5)	PROTEIN S (ALPHA) T74192
293	GF201:96(59C7):384(22E13)	METHYL-CPG BINDING DOMAIN PROTEIN 1 AA459922
294	GF200:96(5F8):384(2K15)	HOMO SAPIENS MRNA; CDNA DKFZP564L176 (FROM CLONE DKFZP564L176) N74741
295	PEROU:96(2E1):384(19I2)	JUN ACTIVATION DOMAIN BINDING PROTEIN AA293362
296	GF200:96(26F6):384(7K12)	JUN ACTIVATION DOMAIN BINDING PROTEIN W96134
297	GF201:96(85F4):384(10L8)	HUMAN PROTO-ONCOGENE BCD ORF1 AND ORF2 MRNA, COMPLETE CDS AA013481
298	GF201:96(81C11):384(9F22)	502396 AA156946
299	GF201:96(95G6):384(13M11)	GRO1 ONCOGENE (MELANOMA GROWTH STIMULATING ACTIVITY, ALPHA) W42723
300	GF200:96(5B1):384(2C1)	PROTOCADHERIN 2 (CADHERIN-LIKE 2) R89615
301	GF201:96(79A3):384(9A5)	ESTS, WEAKLY SIMILAR TO ZINC FINGER PROTEIN 91 [H.SAPIENS] N64741
302	PEROU:96(8B7):384(20D13)	241097 H80335
303	GF200:96(15E11):384(4J22)	TISSUE FACTOR PATHWAY INHIBITOR 2 AA399473
304	PEROU:96(2G11):384(19M22)	TISSUE INHIBITOR OF METALLOPROTEINASE 1 (ERYTHROID POTENTIATING ACTIVITY, COLLAGENASE INHIBITOR) AA287220
305	PEROU:96(6G9):384(20M18)	CLAUDIN 4 AA506754
306	GF200:96(26H1):384(7O2)	TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY, MEMBER 10B AA453410
307	GF200:96(25H11):384(7O21)	CD44 ANTIGEN (HOMING FUNCTION AND INDIAN BLOOD GROUP SYSTEM) AA282906
308	GF201:96(89A7):384(11B14)	RAS INHIBITOR AA291556
309	GF200:96(31A2):384(8B4)	EST, MODERATELY SIMILAR TO CD-7 METALLOTHIONEIN-2 [H.SAPIENS] R16596
310	GF200:96(26C4):384(7E8)	METALLOTHIONEIN 1L N80129
311	GF200:96(27A1):384(7B2)	METALLOTHIONEIN 1H H77766
312	GF200:96(9G2):384(3M3)	METALLOTHIONEIN 1G H53340
313	GF200:96(14G3):384(4M6)	ALANINE-GLYOXYLATE AMINOTRANSFERASE (OXALOSIS I; HYPEROXALURIA I; GLYCOLICACIDURIA; SERINE-PYRUVATE AMINOTRANSFERASE) N57872
314	GF201:96(98A4):384(13B7)	HUMAN METALLOTHIONEIN (MT)I-F GENE N55459
315	GF201:96(89E5):384(11J10)	HUMAN METALLOTHIONEIN (MT)I-F GENE T56281
316	GF201:96(79F3):384(9K5)	487722 AA043551

Table 1

317	PEROU:96(6A6):384(20A12)	FOS-RELATED ANTIGEN 2 AA101616
318	PEROU:96(6A7):384(20A14)	111437 T90760
319	GF200:96(2H3):384(1O6)	PLASMINOGEN ACTIVATOR, UROKINASE RECEPTOR AA455222
320	GF200:96(15B9):384(4D18)	PLASMINOGEN ACTIVATOR, UROKINASE AA284668
321	GF200:96(3A5):384(1B10)	PEPTIDYLGLYCINE ALPHA-AMIDATING MONOOXYGENASE R66310
322	GF201:96(99B7):384(14C13)	SHC (SRC HOMOLOGY 2 DOMAIN-CONTAINING) TRANSFORMING PROTEIN 1 R52961
323	GF200:96(15B2):384(4D4)	SHC (SRC HOMOLOGY 2 DOMAIN-CONTAINING) TRANSFORMING PROTEIN 1 T50633
324	PEROU:96(7A5):384(20B10)	HEPARAN SULFATE PROTEOGLYCAN 1 AA122056
325	GF200:96(12C5):384(3F9)	GLUTATHIONE S-TRANSFERASE PI R33755
326	GF200:96(12B5):384(3D9)	GUANINE NUCLEOTIDE BINDING PROTEIN (G PROTEIN), ALPHA INHIBITING ACTIVITY POLYPEPTIDE 1 AA406420
327	PEROU:96(3G4):384(19N8)	INTEGRIN, ALPHA 6 H06635
328	PEROU:96(9B6):384(18D12)	INTEGRIN ALPHA 6 N22383
329	PEROU:96(3A6):384(19B12)	INTEGRIN ALPHA 6 T54750
330	PEROU:96(8B10):384(20D19)	254428 N22383
331	GF200:96(2E9):384(1I18)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, GAMMA POLYPEPTIDE R38343
332	GF201:96(66E7):384(23J13)	HOMO SAPIENS CLONE 24659 MRNA SEQUENCE AA454584
333	GF200:96(13H5):384(4O9)	CALPAIN, LARGE POLYPEPTIDE L2 AA102454
334	GF200:96(4H7):384(1P13)	HUMAN RAS INHIBITOR MRNA, 3' END R83224
335	GF201:96(91A6):384(12A11)	PROTEIN TYROSINE PHOSPHATASE, NON-RECEPTOR TYPE SUBSTRATE 1 AA417279
336	GF200:96(25F4):384(7K7)	GAP JUNCTION PROTEIN, ALPHA 1, 43KD (CONNEXIN 43) AA487623
337	GF200:96(6A8):384(2A16)	HOMO SAPIENS CLONE 23565 UNKNOWN MRNA, PARTIAL CDS AA464566
338	GF200:96(23E10):384(6J20)	SERUM/GLUCOCORTICOID REGULATED KINASE AA486082
339	GF200:96(26D6):384(7G12)	NICOTINAMIDE N-METHYLTRANSFERASE T72235
340	GF201:96(66F9):384(23L17)	HOMO SAPIENS MRNA; CDNA DKFZP586L2123 (FROM CLONE DKFZP586L2123) AA443119
341	GF200:96(8B12):384(2D23)	CAVEOLIN 2 T89391
342	GF201:96(96G3):384(13M6)	CAVEOLIN 1, CAVEOLAE PROTEIN, 22KD AA055835
343	GF200:96(14D11):384(4G22)	APOLIPOPROTEIN E AA478589
344	GF200:96(14E11):384(4I22)	ANNEXIN I (LIPOCORTIN I) H63077
345	PEROU:96(3D9):384(19H18)	CADHERIN 13, H-CADHERIN (HEART) AA160651
346	GF200:96(9B5):384(3C9)	CADHERIN 13, H-CADHERIN (HEART) R17717
347	GF200:96(21G5):384(6M9)	REGULATED IN GLIOMA AA425947
348	GF201:96(87G4):384(11M7)	SOLUTE CARRIER FAMILY 10 (SODIUM/BILE ACID COTRANSPORTER FAMILY), MEMBER 1 T68568
349	GF201:96(87C9):384(11E17)	PLACENTAL GROWTH FACTOR, VASCULAR ENDOTHELIAL GROWTH FACTOR-RELATED PROTEIN AA130714
350	GF200:96(4E3):384(1J5)	VASCULAR ENDOTHELIAL GROWTH FACTOR C H07991
351	GF200:96(2H5):384(1O10)	PLASMINOGEN ACTIVATOR INHIBITOR, TYPE I N75719
352	PEROU:96(6B9):384(20C18)	197450 H51958
353	GF200:96(3E9):384(1J18)	MET PROTO-ONCOGENE (HEPATOCYTE GROWTH FACTOR RECEPTOR) AA410591

Table 1

354	GF201:96(86C10):384(10F19)	TRANSFORMING GROWTH FACTOR, BETA-INDUCED, 68KD AA633901
355	GF201:96(97B7):384(13D14)	BONE MORPHOGENETIC PROTEIN 1 R56774
356	PEROU:96(2F10):384(19K20)	EPHRIN-B2 AA292568
357	GF200:96(24G5):384(6N9)	796198 AA461424
358	PEROU:96(7F9):384(20L18)	TRANSMEMBRANE 4 SUPERFAMILY MEMBER 1 AA088439
359	PEROU:96(6D1):384(20G2)	TRANSMEMBRANE 4 SUPERFAMILY MEMBER 1 N47476
360	GF200:96(30F10):384(8K20)	ESTS, MODERATELY SIMILAR TO CALDESMON [H.SAPIENS] H48677
361	GF200:96(19B11):384(5D22)	HUMAN MRNA FOR UNKNOWN PRODUCT, PARTIAL CDS H99544
362	GF200:96(4B2):384(1D3)	HUMAN BETA-1D INTEGRIN MRNA, CYTOPLASMIC DOMAIN, PARTIAL CDS W67174
363	GF200:96(22F1):384(6K2)	FORKHEAD (DROSOPHILA) HOMOLOG 1 (RHABDOMYOSARCOMA) AA194765
364	GF201:96(60E2):384(22I4)	356835 W84612
365	GF201:96(90G1):384(11N1)	ESTS, WEAKLY SIMILAR TO N-WASP [H.SAPIENS] AA427561
366	GF200:96(22H2):384(6O4)	ENDOTHELIAL CELL PROTEIN C/ACTIVATED PROTEIN C RECEPTOR T47442
367	GF200:96(26F7):384(7K14)	MILK FAT GLOBULE-EGF FACTOR 8 PROTEIN AA448941
368	GF200:96(24F12):384(6L23)	EXOSTOSES (MULTIPLE) 1 AA487582
369	GF200:96(12G7):384(3N13)	FIBRILLIN 2(CONGENITAL CONTRACTURAL ARACHNODACTYLY) T98152
370	GF201:96(56F3):384(21K6)	ESTS, MODERATELY SIMILAR TO INITIATION FACTOR EIF-2B GAMMA SUBUNIT [R.NORVEGICUS] W58368
371	GF201:96(92G7):384(12M14)	345935 W72201
372	GF200:96(4B11):384(1D21)	INOSITOL POLYPHOSPHATE-1-PHOSPHATASE H52141
373	GF201:96(65D5):384(23H10)	809620 AA458491
374	GF200:96(15C10):384(4F20)	TRANSFORMING GROWTH FACTOR, BETA RECEPTOR II (70-80KD) AA487034
375	GF200:96(18D4):384(5G8)	SUSHI-REPEAT-CONTAINING PROTEIN, X CHROMOSOME AA448569
376	GF200:96(18A1):384(5A2)	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 6 AA478724
377	GF200:96(13B5):384(4C9)	DIPHTHERIA TOXIN RECEPTOR (HEPARIN-BINDING EPIDERMAL GROWTH FACTOR-LIKE GROWTH FACTOR) R14663
378	GF201:96(94G6):384(12N11)	DUAL SPECIFICITY PHOSPHATASE 6 AA630374
379	GF201:96(99H8):384(14O15)	76169 T59658
380	GF200:96(30H10):384(8O20)	66972 T69540
381	GF201:96(84D9):384(10G18)	ESTS, HIGHLY SIMILAR TO G PROTEIN-COUPLED RECEPTOR KINASE 6, SPLICE VARIANT B [H.SAPIENS] H97146
382	GF200:96(19B12):384(5D24)	NEUROBLASTOMA CANDIDATE REGION, SUPPRESSION OF TUMORIGENICITY 1 AA598830
383	GF201:96(97E12):384(13J24)	ADENOSINE A2B RECEPTOR AA055350
384	GF200:96(16A9):384(4B17)	CD59 ANTIGEN P18-20 (ANTIGEN IDENTIFIED BY MONOCLONAL ANTIBODIES 16.3A5, EJ16, EJ30, EL32 AND G344) H60549
385	GF200:96(14A10):384(4A20)	CD59 ANTIGEN P18-20 (ANTIGEN IDENTIFIED BY MONOCLONAL ANTIBODIES 16.3A5, EJ16, EJ30, EL32 AND G344) H60549
386	GF200:96(1G10):384(1M19)	SYNUCLEIN, ALPHA (NON A4 COMPONENT OF AMYLOID PRECURSOR) AA455067
387	GF200:96(11H2):384(3P4)	STIMULATED TRANS-ACTING FACTOR (50 KDA) AA083407

Table 1

388	GF200:96(4C7):384(1F13)	CASPASE 1, APOPTOSIS-RELATED CYSTEINE PROTEASE (INTERLEUKIN 1, BETA, CONVERTASE) T95052
389	PEROU:96(8A6):384(20B11)	INTEGRIN ALPHA L (ANTIGEN CD11A (P180) LYMPHOCYTE FUNCTION-ASSOCIATED ANTIGEN 1; ALPHA POLYPEPTIDE) R48796
390	GF201:96(67A5):384(24A9)	810515 AA464542
391	GF202:96(111B6):384(15D12)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4336506) [H.SAPIENS] H96654
392	GF200:96(13B6):384(4C11)	DIHYDROPYRIMIDINE DEHYDROGENASE AA428170
393	GF200:96(16B11):384(4D21)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4679030) [H.SAPIENS] AA521232
394	GF200:96(3E6):384(1J12)	MOESIN R22977
395	GF200:96(27C4):384(7F8)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4502327) [H.SAPIENS] R65792
396	PEROU:96(3A8):384(19B16)	V-YES-1 YAMAGUCHI SARCOMA VIRAL RELATED ONCOGENE HOMOLOG T55472
397	GF201:96(95F3):384(13K5)	GLUTATHIONE PEROXIDASE 1 AA485362
398	GF201:96(79C7):384(9E13)	795757 AA460314
399	GF201:96(88B11):384(11C22)	LECTIN, GALACTOSIDE-BINDING, SOLUBLE, 3 (GALECTIN 3) AA630328
400	GF201:96(86D8):384(10H15)	TACHYKININ, PRECURSOR 1 (SUBSTANCE K, SUBSTANCE P, NEUROKININ 1, NEUROKININ 2, NEUROMEDIN L, NEUROKININ ALPHA, NEUROPEPTIDE K,NEUROPEPTIDE GAMMA) AA446659
401	GF202:96(109D1):384(15G1)	INTERLEUKIN 1, BETA W47101
402	GF201:96(88D6):384(11G12)	INTERLEUKIN 1, BETA AA150507
403	GF201:96(89A6):384(11B12)	RAS-RELATED C3 BOTULINUM TOXIN SUBSTRATE 1 (RHO FAMILY, SMALL GTP BINDING PROTEIN RAC1) AA626787
404	GF201:96(89A5):384(11B10)	PROTEIN TYROSINE PHOSPHATASE J AA644448
405	GF201:96(56C11):384(21E22)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.SAPIENS] N21103
406	GF200:96(23F10):384(6L20)	FAT TUMOR SUPPRESSOR (DROSOPHILA) HOMOLOG AA159194
407	GF201:96(58H4):384(21P7)	271952 N35301
408	GF200:96(8C11):384(2F21)	179276 H50323
409	GF200:96(18E4):384(5I8)	INOSITOL POLYPHOSPHATE-5-PHOSPHATASE, 145KD AA521067
410	GF200:96(13G1):384(4M1)	CHOLINERGIC RECEPTOR, NICOTINIC, EPSILON POLYPEPTIDE R02058
411	GF200:96(13B9):384(4C17)	ALDO-KETO REDUCTASE FAMILY 1, MEMBER C1 (DIHYDRODIOL DEHYDROGENASE 1; 20-ALPHA (3-ALPHA)-HYDROXYSTEROID DEHYDROGENASE) R93124
412	GF201:96(97D4):384(13H8)	TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY, MEMBER 6 AA293571
413	GF201:96(96H6):384(13O12)	CYSTATIN A (STEFIN A) W72207
414	GF201:96(82C5):384(9F9)	347436 W81192
415	PEROU:96(10C1):384(18F1)	ANTILEUKOPROTEINASE AA026192
416	GF201:96(91H5):384(12O9)	JAGGED1 (ALAGILLE SYNDROME) R70685
417	GF200:96(2G8):384(1M16)	PRION PROTEIN (P27-30) (CREUTZFELD-JAKOB DISEASE, GERSTMANN-STRAUSLER-SCHEINKER SYNDROME, FATAL FAMILIAL INSOMNIA) AA455969
418	GF201:96(55C7):384(21E13)	ESTS, WEAKLY SIMILAR TO KIAA0639 PROTEIN [H.SAPIENS] AA284277
419	GF202:96(110H5):384(15O10)	843045 AA488420
420	GF201:96(97E3):384(13J6)	ALDEHYDE DEHYDROGENASE 6 AA455235

Table 1

421	GF200:96(25G1):384(7M1)	CADHERIN 3, P-CADHERIN (PLACENTAL) AA425556
422	PEROU:96(1A3):384(19A5)	MDGI/FATTY ACID BINDING PROTEIN 3, MUSCLE AND HEART W04872
423	GF201:96(86C6):384(10F11)	TROPONIN I, SKELETAL, FAST AA181334
424	GF201:96(94H5):384(12P9)	MATRIX METALLOPROTEINASE 14 (MEMBRANE-INSERTED) N33214
425	GF201:96(94H6):384(12P11)	LAMININ, GAMMA 2 (NICEIN (100KD), KALININ (105KD), BM600 (100KD), HERLITZ JUNCTIONAL EPIDERMOLYSIS BULLOSA)) AA677534
426	GF200:96(14E8):384(4I16)	ANNEXIN VIII AA252968
427	GF201:96(93G2):384(12N4)	ESTS, HIGHLY SIMILAR TO PROBABLE ATAXIA-TELANGIECTASIA GROUP D PROTEIN [H.SAPIENS] AA055486
428	PEROU:96(8D6):384(20H11)	KERATIN 17 AA026642
429	PEROU:96(9D1):384(18H2)	KERATIN 17 aa026642
430	GF200:96(17G7):384(5M13)	ESTS, HIGHLY SIMILAR TO KERATIN K5, 58K TYPE II, EPIDERMAL [H.SAPIENS] AA160507
431	PEROU:96(9C6):384(18F12)	KERATIN 5 (EPIDERMOLYSIS BULLOSA SIMPLEX DOWLING-MEARA/KOBNER/WEBER-COCKAYNE TYPES) W72110
432	PEROU:96(8C11):384(20F21)	ESTS, HIGHLY SIMILAR TO KERATIN K5, 58K TYPE II, EPIDERMAL W72110
433	GF200:96(8C10):384(2F19)	BULLOUS PEMPHIGOID ANTIGEN 1 (230/240KD) H44784
434	GF200:96(11H4):384(3P8)	S100 CALCIUM-BINDING PROTEIN A2 AA458884
435	GF200:96(4B6):384(1D11)	INTEGRIN, BETA 4 AA485668
436	PEROU:96(3B12):384(19D24)	INTEGRIN, BETA 4 AA076514
437	PEROU:96(8A7):384(20B13)	2255577 AI679149
438	GF201:96(88B12):384(11C24)	LAMININ, ALPHA 3 (NICEIN (150KD), KALININ (165KD), BM600 (150KD), EPILEGRIN) AA001432
439	GF201:96(92B12):384(12C24)	COLLAGEN, TYPE XVII, ALPHA 1 H87536
440	GF200:96(14C12):384(4E24)	BASONUCLIN R26526
441	GF201:96(67B11):384(24C21)	504940 AA150619
442	GF201:96(87B6):384(11C11)	HUMAN DNA SEQUENCE FROM CLONE 973M2 ON CHROMOSOME 1Q24.3-31.1 CONTAINS PROSTAGLANDIN-ENDOPEROXIDE SYNTHASE 2 (PROSTAGLANDIN G/H SYNTHASE AND CYCLOOXYGENASE) GENE, ESTS, STS, GSSS AA644211
443	GF201:96(80A8):384(9A16)	810904 AA459285
444	GF201:96(89D8):384(11H16)	MYOSIN IC AA029956
445	GF200:96(21F6):384(6K11)	EPHRIN-B1 AA428778
446	GF200:96(3F1):384(1L2)	MATRIX METALLOPROTEINASE 7 (MATRILYSIN, UTERINE) AA031513
447	GF200:96(28F3):384(7L5)	294682 W01603
448	PEROU:96(2E11):384(19I22)	INTEGRIN, ALPHA 3 (ANTIGEN CD49C, ALPHA 3 SUBUNIT OF VLA-3 RECEPTOR) AA293040
449	GF201:96(88E1):384(11I2)	INTEGRIN, ALPHA 3 (ANTIGEN CD49C, ALPHA 3 SUBUNIT OF VLA-3 RECEPTOR) AA424695
450	GF200:96(2B4):384(1C8)	SERUM AMYLOID A1 H25546
451	GF200:96(24E3):384(6J5)	GM2 GANGLIOSIDE ACTIVATOR PROTEIN AA453978
452	GF201:96(69B4):384(24D8)	ESTS, WEAKLY SIMILAR TO TRANSPOSON LRE2 REVERSE TRANSCRIPTASE HOMOLOG [H.SAPIENS] W48580
453	GF200:96(13H3):384(4O5)	CARBONIC ANHYDRASE II H23187

454	GF200:96(17F8):384(5K15)	LATENT TRANSFORMING GROWTH FACTOR BETA BINDING PROTEIN 2 AA424629
455	GF201:96(100F6):384(14K12)	SECRETED FRIZZLED-RELATED PROTEIN 1 T68892
456	GF201:96(58C4):384(21F7)	LECTIN, GALACTOSIDE-BINDING, SOLUBLE, 7 (GALECTIN 7) W72436
457	PEROU:96(4A6):384(19B11)	PLASMINOGEN ACTIVATOR, UROKINASE AA284668
458	GF200:96(27B4):384(7D8)	ENDOTHELIN RECEPTOR TYPE A AA452627
459	GF200:96(27H1):384(7P2)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 5231137) [H.SAPIENS] W30988
460	GF200:96(19E6):384(5J12)	N-MYC DOWNSTREAM REGULATED AA489261
461	PEROU:96(1H4):384(19O7)	EPIDERMAL GROWTH FACTOR RECEPTOR (AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL (V-ERB-B) ONCOGENE HOMOLOG) AA234783
462	GF201:96(79B6):384(9C11)	359285 AA016234
463	GF200:96(17H4):384(5O7)	INTERLEUKIN 4 RECEPTOR AA292025
464	GF200:96(24H11):384(6P21)	DIACYLGLYCEROL KINASE, ALPHA (80KD) AA456900
465	GF200:96(3A11):384(1B22)	770670 AA476272
466	GF201:96(97E10):384(13J20)	ADRENERGIC, BETA-2-, RECEPTOR, SURFACE H90431
467	GF202:96(110E4):384(15I8)	592818 AA158252
468	GF201:96(79A11):384(9A21)	264166 N20482
469	PEROU:96(9B8):384(18D16)	TRANSFORMING GROWTH FACTOR, BETA 2 N48082
470	GF200:96(1D9):384(1G17)	TRANSFORMING GROWTH FACTOR, BETA 2 AA233809
471	GF200:96(27F10):384(7L20)	ESTS, WEAKLY SIMILAR TO SIMILAR TO S. CEREVISIAE HYPOTHETICAL PROTEIN YKL166 [C.ELEGANS] T82817
472	GF200:96(23H1):384(6P2)	667883 AA258396
473	GF201:96(79B9):384(9C17)	FRIZZLED (DROSOPHILA) HOMOLOG 7 N69049
474	GF200:96(8E7):384(2J13)	CHROMOSOME X OPEN READING FRAME 6 R08270
475	GF200:96(17H7):384(5O13)	INTERLEUKIN 15 RECEPTOR, ALPHA AA053285
476	GF200:96(22E2):384(6I4)	FK506-BINDING PROTEIN 5 W86653
477	GF200:96(13E3):384(4I5)	CYCLIN D2 H84153
478	GF202:96(113E8):384(16I15)	843283 AA488672
479	GF201:96(67D6):384(24G11)	810459 AA457138
480	PEROU:96(8E1):384(20J1)	CYCLIN-DEPENDENT KINASE 7 (HOMOLOG OF XENOPUS MO15 CDK-ACTIVATING KINASE) AA031961
481	GF201:96(102B12):384(14D23	83297 T68333
482	GF201:96(88A3):384(11A6)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DQ BETA 1 AA669055
483	GF201:96(88A4):384(11A8)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DN ALPHA AA702254
484	GF201:96(88D4):384(11G8)	INTERLEUKIN 15 N59270
485	GF200:96(24C6):384(6F11)	GUANYLATE BINDING PROTEIN 1, INTERFERON-INDUCIBLE, 67KD AA486849
486	GF201:96(88D3):384(11G6)	INTERLEUKIN 6 (INTERFERON, BETA 2) N98591
487	GF200:96(30B3):384(8C6)	TUMOR NECROSIS FACTOR ALPHA-INDUCIBLE CELLULAR PROTEIN CONTAINING LEUCINE ZIPPER DOMAINS R70518
488	GF201:96(66C8):384(23F15)	490995 AA136707
489	GF201:96(93B9):384(12D18)	263013 H99816

Table 1

490	GF200:96(3G9):384(1N18)	PROCOLLAGEN-LYSINE, 2-OXOGLUTARATE 5-DIOXYGENASE (LYSINE HYDROXYLASE, EHLERS-DANLOS SYNDROME TYPE VI) AA476240
491	GF202:96(115C3):384(16F6)	ECTODERMAL-NEURAL CORTEX (WITH BTB-LIKE DOMAIN) AA102130
492	GF202:96(110D6):384(15G12)	ECTODERMAL-NEURAL CORTEX (WITH BTB-LIKE DOMAIN) H72122
493	GF201:96(89E6):384(11J12)	A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 9 (MELTRIN GAMMA) H59231
494	GF200:96(15H7):384(4P14)	SWI/SNF RELATED, MATRIX ASSOCIATED, ACTIN DEPENDENT REGULATOR OF CHROMATIN, SUBFAMILY A, MEMBER 1 AA496809
495	GF201:96(63D10):384(23G19)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] W80619
496	GF201:96(87A11):384(11A21)	RAP1, GTPASE ACTIVATING PROTEIN 1 AA682897
497	GF201:96(87A12):384(11A23)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, M H26426
498	GF201:96(58C2):384(21F3)	PHOSPHORYLASE, GLYCOGEN; LIVER (HERS DISEASE, GLYCOGEN STORAGE DISEASE TYPE VI) AA147640
499	GF201:96(58F11):384(21L21)	HOMO SAPIENS MRNA FULL LENGTH INSERT CDNA CLONE EUROIMAGE 122439 T66902
500	GF201:96(94F10):384(12L19)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4704754) [H.SAPIENS] AA426053
501	GF201:96(81C1):384(9F2)	ESTS, WEAKLY SIMILAR TO ALTERNATIVELY SPLICED PRODUCT USING EXON 13A [H.SAPIENS] N80834
502	GF200:96(21H10):384(6O19)	PLEOMORPHIC ADENOMA GENE-LIKE 1 AA463297
503	GF201:96(65A12):384(23B24)	HOMO SAPIENS MRNA FOR KIAA0786 PROTEIN, PARTIAL CDS W74533
504	GF201:96(93D12):384(12H24)	HOMO SAPIENS CLONE L5 UNKNOWN MRNA, PARTIAL CDS N53385
505	GF201:96(69C2):384(24F4)	248849 H80749
506	PEROU:96(6E4):384(20I8)	1912786 AI304356
507	GF200:96(9G4):384(3M7)	TRANSMEMBRANE PROTEIN AA456008
508	GF201:96(89B8):384(11D16)	ESTS, MODERATELY SIMILAR TO PRO-A2(XI) [H.SAPIENS] N66396
509	GF201:96(80F9):384(9K18)	366815 AA029415
510	GF200:96(29C2):384(8E3)	241824 H93217
511	GF200:96(18C1):384(5E2)	781766 AA431678
512	GF201:96(99B9):384(14C17)	PURINERGIC RECEPTOR (FAMILY A GROUP 5) R91539
513	GF201:96(92E9):384(12I18)	PURINERGIC RECEPTOR (FAMILY A GROUP 5) N90783
514	GF200:96(12C4):384(3F7)	248261 N78083
515	GF200:96(24F11):384(6L21)	81331 T60111
516	GF200:96(1B7):384(1C13)	V-MYC AVIAN MYELOCYTOMATOSIS VIRAL ONCOGENE HOMOLOG AA464600
517	GF200:96(3E2):384(1J4)	CALCIUM CHANNEL, VOLTAGE-DEPENDENT, BETA 2 SUBUNIT R92452
518	GF201:96(86F9):384(10L17)	SOLUTE CARRIER FAMILY 16 (MONOCARBOXYLIC ACID TRANSPORTERS), MEMBER 1 AA043133
519	GF200:96(12D9):384(3H17)	823859 AA490688
520	GF200:96(27C6):384(7F12)	246035 N55540
521	GF200:96(11D3):384(3H6)	CHONDROITIN SULFATE PROTEOGLYCAN 4 (MELANOMA-ASSOCIATED) R53652
522	GF202:96(112E12):384(15J23)	HUMAN DNA SEQUENCE FROM CLONE 971N18 ON CHROMOSOME 20P12 CONTAINS PROCESSED PSEUDOGENE PHKBP1, NOVEL GENE, ESTS, CA REPEAT (D20S907), STSS AND GSSS AA457223
523	GF201:96(96H5):384(13O10)	CYTOCHROME P450, SUBFAMILY IVB, POLYPEPTIDE 1 AA291484

Table 1

524	GF201:96(70C12):384(24F23)	ESTS, WEAKLY SIMILAR TO ORF2 [M.MUSCULUS] N73316
525	GF201:96(70B1):384(24D1)	267252 N24579
526	GF200:96(25D12):384(7G23)	COAGULATION FACTOR VIIIC, PROCOAGULANT COMPONENT (HEMOPHILIA A) AA437191
527	GF201:96(63G10):384(23M19)	307740 N92947
528	GF200:96(1E9):384(1I17)	THROMBOMODULIN H59861
529	GF200:96(2H4):384(1O8)	PLASMINOGEN ACTIVATOR, TISSUE AA453728
530	GF201:96(97H3):384(13P6)	PHORBOL-12-MYRISTATE-13-ACETATE-INDUCED PROTEIN 1 AA458838
531	GF200:96(2G4):384(1M8)	KIAA0159 GENE PRODUCT R00822
532	GF200:96(4A4):384(1B7)	50182 H17882
533	GF200:96(10A12):384(3A24)	PHOSPHOSERINE PHOSPHATASE-LIKE W05628
534	GF202:96(115D6):384(16H12)	PHOSPHOSERINE PHOSPHATASE AA488432
535	GF200:96(2G10):384(1M20)	PREGNANCY SPECIFIC BETA-1-GLYCOPROTEIN 11 R73909
536	GF200:96(3C7):384(1F14)	NON-SPECIFIC CROSS REACTING ANTIGEN AA054073
537	GF201:96(97A5):384(13B10)	CARCINOEMBRYONIC ANTIGEN AA130584
538	GF200:96(2B10):384(1C20)	S100 CALCIUM-BINDING PROTEIN P R32952
539	GF201:96(82B5):384(9D9)	HUMAN DNA SEQUENCE FROM CLONE 71L16 ON CHROMOSOME XP11. CONTAINS A PROBABLE ZINC FINGER PROTEIN (PSEUDO)GENE, AN UNKNOWN PUTATIVE GENE, A PSEUDOGENE WITH HIGH SIMILARITY TO PART OF ANTIGEN KI-67, A PUTATIVE CHONDROITIN 6-SULFOTRAN AA284109
540	GF201:96(99G5):384(14M9)	50114 H16743
541	PEROU:96(9C12):384(18F24)	HOMO SAPIENS MITOCHONDRIAL DNA D38112
542	PEROU:96(1H12):384(19O23)	236142 H61303
543	GF200:96(17G2):384(5M3)	LOW DENSITY LIPOPROTEIN RECEPTOR (FAMILIAL HYPERCHOLESTEROLEMIA) AA504461
544	GF200:96(9H12):384(3O23)	STEAROYL-COA DESATURASE (DELTA-9-DESATURASE) R00707
545	GF201:96(84H9):384(10O18)	CYTOCHROME B-561 AA457700
546	GF200:96(7C2):384(2F4)	LUNATIC FRINGE (DROSOPHILA) HOMOLOG R56562
547	GF200:96(14F11):384(4K22)	ALDEHYDE DEHYDROGENASE 8 AA443630
548	GF200:96(13G10):384(4M19)	CATHEPSIN D (LYSOSOMAL ASPARTYL PROTEASE) N20475
549	GF200:96(12G3):384(3N5)	FIBROMODULIN AA486471
550	GF201:96(100B1):384(14C2)	51344 H21040
551	GF201:96(58D5):384(21H9)	HOMO SAPIENS CHROMOSOME 19, COSMID F22329 T98002
552	GF200:96(7E8):384(2J16)	ESTS, HIGHLY SIMILAR TO GP330 PRECURSOR [H.SAPIENS] R76808
553	GF202:96(110A5):384(15A10)	HOMO SAPIENS CLONE 23876 NEURONAL OLFACTOMEDIN-RELATED ER LOCALIZED PROTEIN MRNA, PARTIAL CDS H23124
554	GF201:96(81G6):384(9N12)	277463 N56872
555	GF200:96(10C3):384(3E6)	ESTS, HIGHLY SIMILAR TO INOSITOL POLYPHOSPHATE 4-PHOSPHATASE TYPE II-ALPHA [H.SAPIENS] R86721
556	GF201:96(81E4):384(9J8)	271989 N31935
557	GF201:96(88E5):384(11I10)	INSULIN RECEPTOR SUBSTRATE 1 AA460841
558	GF201:96(93A7):384(12B14)	KIAA0417 GENE PRODUCT H17950

Table 1

559	GF201:96(89A4):384(11B8)	HUMAN RETINOID X RECEPTOR-GAMMA MRNA, COMPLETE CDS W96099
560	GF202:96(109C2):384(15E3)	NEURONAL PENTRAXIN II AA683041
561	GF200:96(15C7):384(4F14)	TYROSINASE (OCULOCUTANEOUS ALBINISM IA) N42770
562	GF201:96(99F12):384(14K23)	ZINC FINGER PROTEIN HOMOLOGOUS TO ZFP103 IN MOUSE R54105
563	GF200:96(9F1):384(3K1)	TRANSMEMBRANE GLYCOPROTEIN AA055862
564	GF201:96(97D10):384(13H20)	ALPHA-FETOPROTEIN T59043
565	GF200:96(4C11):384(1F21)	INTER-ALPHA (GLOBULIN) INHIBITOR, H2 POLYPEPTIDE R06634
566	GF201:96(90A4):384(11B7)	HUMAN MRNA FOR KIAA0282 GENE, PARTIAL CDS R44936
567	GF201:96(92H11):384(12O22)	CADHERIN 6, K-CADHERIN (FETAL KIDNEY) AA421819
568	GF201:96(88G7):384(11M14)	FORKHEAD (DROSOPHILA)-LIKE 8 AA069372
569	GF201:96(95H11):384(13O21)	FATTY ACID BINDING PROTEIN 1, LIVER T53220
570	GF200:96(10B4):384(3C8)	POTASSIUM VOLTAGE-GATED CHANNEL, KQT-LIKE SUBFAMILY, MEMBER 2 H51461
571	GF200:96(15A8):384(4B16)	VITRONECTIN (SERUM SPREADING FACTOR, SOMATOMEDIN B, COMPLEMENT S-PROTEIN) N58107
572	GF200:96(27A2):384(7B4)	PRE-ALPHA (GLOBULIN) INHIBITOR, H3 POLYPEPTIDE T68035
573	GF201:96(97C8):384(13F16)	ASIALOGLYCOPROTEIN RECEPTOR 2 R98050
574	GF201:96(97C12):384(13F24)	CARBOXYPEPTIDASE N, POLYPEPTIDE 1, 50KD AA679422
575	GF200:96(12H2):384(3P3)	FIBRINOGEN, B BETA POLYPEPTIDE H91815
576	GF200:96(16H8):384(4P15)	COAGULATION FACTOR II (THROMBIN) T62131
577	GF201:96(86G12):384(10N23)	SECRETOGRANIN II (CHROMOGRANIN C) H27864
578	GF201:96(97D5):384(13H10)	APOLIPOPROTEIN H (BETA-2-GLYCOPROTEIN I) H68848
579	GF201:96(92F7):384(12K14)	ESTS, HIGHLY SIMILAR TO PHOSPHODIESTERASE I/NUCLEOTIDE PYROPHOSPHATASE BETA [H.SAPIENS] AA678335
580	GF200:96(27A4):384(7B8)	CANALICULAR MULTISPECIFIC ORGANIC ANION TRANSPORTER R91503
581	GF200:96(27B3):384(7D6)	ALKALINE PHOSPHATASE, LIVER/BONE/KIDNEY T94626
582	GF201:96(90G7):384(11N13)	LECTIN, GALACTOSIDE-BINDING, SOLUBLE, 4 (GALECTIN 4) AA130579
583	GF200:96(1D10):384(1G19)	TRANSFERRIN H69531
584	GF200:96(16G6):384(4N11)	PHOSPHOLIPASE A2, GROUP IIA (PLATELETS, SYNOVIAL FLUID) T61323
585	GF201:96(59H8):384(22O15)	144862 R78570
586	GF200:96(16H9):384(4P17)	DNA SEGMENT, SINGLE COPY, HOMOLOGOUS ON X AND Y, EXPRESSED PROBES AA496863
587	GF201:96(96F4):384(13K8)	CHROMOGRANIN B (SECRETOGRANIN 1) W37769
588	GF201:96(91H11):384(12O21)	FIBRINOGEN-LIKE 1 AA677287
589	GF200:96(1F3):384(1K5)	TRANSMEMBRANE 4 SUPERFAMILY MEMBER 3 AA045698
590	GF200:96(1G3):384(1M5)	TRANSCOBALAMIN I (VITAMIN B12 BINDING PROTEIN, R BINDER FAMILY) AA155695
591	GF200:96(1A9):384(1A17)	WINGLESS-TYPE MMTV INTEGRATION SITE FAMILY, MEMBER 5A W49672
592	GF201:96(58C9):384(21F17)	FATTY ACID BINDING PROTEIN 3, MUSCLE AND HEART (MAMMARY-DERIVED GROWTH INHIBITOR) AA148548
593	GF201:96(88C3):384(11E6)	LACTOTRANSFERRIN AA677706
594	GF200:96(9A4):384(3A7)	V-MYC AVIAN MYELOCYTOMATOSIS VIRAL ONCOGENE HOMOLOG 1, LUNG CARCINOMA DERIVED R62862

Table 1

595	PEROU:96(8H2):384(20P3)	N-MYC AA101678
596	GF202:96(109E8):384(15I15)	266146 N21576
597	GF200:96(13E2):384(4I3)	214572 H73724
598	GF201:96(97F8):384(13L16)	HUMAN AORTIC-TYPE SMOOTH MUSCLE ALPHA-ACTIN (SM-ALPHA-A) GENE, EXON 9 AA634006
599	GF200:96(3F8):384(1L16)	MAL, T-CELL DIFFERENTIATION PROTEIN AA227594
600	GF200:96(15F2):384(4L4)	CD8 ANTIGEN, BETA POLYPEPTIDE 1 (P37) AA293671
601	GF201:96(85H7):384(10P14)	V-MAF MUSCULOAPONEUROTIC FIBROSARCOMA (AVIAN) ONCOGENE HOMOLOG AA043501
602	GF202:96(116H2):384(16P3)	CHLORIDE INTRACELLULAR CHANNEL 2 T52201
603	GF200:96(13G3):384(4M5)	CHEMOKINE (C-X3-C) RECEPTOR 1 N51278
604	GF200:96(22H3):384(6O6)	ECHINODERM MICROTUBULE-ASSOCIATED PROTEIN-LIKE AA447196
605	GF201:96(91H7):384(12O13)	IMMUNOGLOBULIN GAMMA 3 (GM MARKER) AA663981
606	GF200:96(9F9):384(3K17)	COLONY STIMULATING FACTOR 1 (MACROPHAGE) N92646
607	GF200:96(26C3):384(7E6)	NEUTROPHIL CYTOSOLIC FACTOR 1 (47KD, CHRONIC GRANULOMATOUS DISEASE, AUTOSOMAL 1) AA489666
608	GF201:96(88F6):384(11K12)	IMMUNOGLOBULIN LAMBDA-LIKE POLYPEPTIDE 2 W73790
609	PEROU:96(6B12):384(20C24)	IMMUNOGLOBULIN LAMBDA LIGHT CHAIN R50297
610	PEROU:96(6D6):384(20G12)	HUMAN REARRANGED IMMUNOGLOBULIN LAMBDA LIGHT CHAIN MRNA N64851
611	GF200:96(26D3):384(7G6)	HUMAN REARRANGED IMMUNOGLOBULIN LAMBDA LIGHT CHAIN MRNA T67053
612	PEROU:96(6B5):384(20C10)	HUMAN IG J CHAIN GENE H24896
613	PEROU:96(9A9):384(18B18)	IMMUNOGLOBULIN J CHAIN H24896
614	GF200:96(18A10):384(5A20)	HUMAN IG J CHAIN GENE T70057
615	PEROU:96(6B4):384(20C8)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DQ BETA 1 R73128
616	GF200:96(18A7):384(5A14)	IMMUNOGLOBULIN MU H73590
617	GF200:96(18G11):384(5M22)	EARLY DEVELOPMENT REGULATOR 2 (HOMOLOG OF POLYHOMEOTIC 2) AA598840
618	PEROU:96(2D10):384(19G20)	MAX-INTERACTING PROTEIN 1 AI087032
619	GF201:96(62D10):384(22H19)	HOMO SAPIENS MRNA FOR KIAA0640 PROTEIN, PARTIAL CDS N23996
620	GF201:96(83D3):384(10G5)	GLUTATHIONE S-TRANSFERASE M5 AA056232
621	GF201:96(80F6):384(9K12)	325583 AA284243
622	GF201:96(81G4):384(9N8)	244796 N52554
623	GF201:96(67E2):384(24I3)	346321 W74079
624	GF202:96(111H12):384(15P24	ESTS, HIGHLY SIMILAR TO SCK [H.SAPIENS] H10072
625	GF201:96(81C6):384(9F12)	364865 AA035745
626	GF201:96(89H4):384(11P8)	DOUBLECORTIN AND CAM KINASE-LIKE 1 N34513
627	GF201:96(62D12):384(22H23)	201440 R99105
628	GF200:96(16B4):384(4D7)	RIBONUCLEASE L (2',5'-OLIGOISOADENYLATE SYNTHETASE-DEPENDENT) T60223
629	GF201:96(86C7):384(10F13)	TROPOMYOSIN 2 (BETA) AA477400
630	GF200:96(6B11):384(2C22)	SAL (DROSOPHILA)-LIKE 2 H23365
631	GF200:96(10F4):384(3K8)	IMPRINTED IN PRADER-WILLI SYNDROME H93815
632	GF201:96(96G12):384(13M24)	CANNABINOID RECEPTOR 1 (BRAIN) R20626

Table 1

633	GF200:96(19B5):384(5D10)	CBP/P300-INTERACTING TRANSACTIVATOR, WITH GLU/ASP-RICH CARBOXY-TERMINAL DOMAIN, 1 AA432143
634	GF201:96(100B6):384(14C12)	52684 H29574
635	GF200:96(14C11):384(4E22)	UDP-N-ACETYL-ALPHA-D-GALACTOSAMINE:(N-ACETYLNEURAMINYL)-GALACTOSYLGLUCOSYLCERAMIDE N-ACETYLGALACTOSAMINYLTRANSFERASE (GALNAC-T) R05336
636	GF201:96(100A4):384(14A8)	51644 H20570
637	GF200:96(26D9):384(7G18)	NUCLEOSOME ASSEMBLY PROTEIN 1-LIKE 3 AA463251
638	GF200:96(4D6):384(1H11)	I FACTOR (COMPLEMENT) N62462
639	GF200:96(21G10):384(6M19)	PATERNALLY EXPRESSED GENE 3 AA459941
640	GF200:96(7F2):384(2L4)	FRIZZLED-RELATED PROTEIN W58032
641	GF201:96(65A6):384(23B12)	416855 W87281
642	GF201:96(100G12):384(14M24	60540 T40531
643	GF201:96(67C1):384(24E1)	503819 AA131664
644	GF200:96(16F2):384(4L3)	PROLINE ARGININE-RICH END LEUCINE-RICH REPEAT PROTEIN AA434342
645	GF201:96(100B8):384(14C16)	69935 T48692
646	GF200:96(16A3):384(4B5)	S100 CALCIUM-BINDING PROTEIN, BETA (NEURAL) AA424045
647	GF200:96(27H11):384(7P22)	ESTS, WEAKLY SIMILAR TO W01A11.2 GENE PRODUCT [C.ELEGANS] H25606
648	GF200:96(27E11):384(7J22)	240945 H91000
649	GF200:96(32D10):384(8H19)	GLYCEROL-3-PHOSPHATE DEHYDROGENASE 1 (SOLUBLE) AA192547
650	GF200:96(32F10):384(8L19)	ESTS, HIGHLY SIMILAR TO CARBONIC ANHYDRASE III [H.SAPIENS] AA464880
651	PEROU:96(1C10):384(19E19)	APOLIPOPROTEIN D AA457084
652	GF200:96(14D12):384(4G24)	APOLIPOPROTEIN D H15842
653	GF200:96(7F11):384(2L22)	ELASTIN (SUPRAVALVULAR AORTIC STENOSIS, WILLIAMS-BEUREN SYNDROME) AA459308
654	GF200:96(27A3):384(7B6)	COLLAGEN, TYPE XIV, ALPHA 1; UNDULIN AA167222
655	GF200:96(8H9):384(2P17)	MESENCHYME HOMEO BOX 1 AA426311
656	GF200:96(4B9):384(1D17)	INSULIN-LIKE GROWTH FACTOR 1 (SOMATOMEDIN C) AA456321
657	PEROU:96(6B1):384(20C2)	CYCLIN-DEPENDENT KINASE INHIBITOR 1C (P57, KIP2) R81336
658	GF201:96(100H7):384(14O14)	78946 T61792
659	PEROU:96(6E7):384(20I14)	FATTY ACID BINDING PROTEIN 4, ADIPOCYTE AA046090
660	PEROU:96(7A10):384(20B20)	FATTY ACID BINDING PROTEIN 4, ADIPOCYTE AI652163
661	GF201:96(95H10):384(13O19)	FATTY ACID BINDING PROTEIN 4, ADIPOCYTE N92901
662	PEROU:96(8H6):384(20P11)	MDGI/FATTY ACID BINDING PROTEIN 3, MUSCLE AND HEART AA128926
663	PEROU:96(3E4):384(19J8)	CD36 ANTIGEN (COLLAGEN TYPE I RECEPTOR, THROMBOSPONDIN RECEPTOR) R09416
664	GF200:96(14B4):384(4C8)	CD36 ANTIGEN (COLLAGEN TYPE I RECEPTOR, THROMBOSPONDIN RECEPTOR) N39161
665	GF202:96(110B10):384(15C20	GLUTATHIONE PEROXIDASE 3 (PLASMA) AA664180
666	GF200:96(18E1):384(5I2)	FOUR AND A HALF LIM DOMAINS 1 AA456394
667	GF200:96(14G2):384(4M4)	ALCOHOL DEHYDROGENASE 2 (CLASS I), BETA POLYPEPTIDE N93428
668	GF201:96(92H12):384(12O24)	AQUAPORIN 7 H27752
669	GF200:96(18H1):384(5O2)	484535 AA036974

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670	GF201:96(88B9):384(11C18)	LIPOPROTEIN LIPASE AA633835
671	GF200:96(23A7):384(6B14)	GLYCEROL-3-PHOSPHATE DEHYDROGENASE 1 (SOLUBLE) AA192547
672	GF200:96(26C1):384(7E2)	RETINOL-BINDING PROTEIN 4, INTERSTITIAL T72220
673	GF201:96(88D12):384(11G24)	INTEGRIN, ALPHA 7 AA055979
674	GF201:96(102A5):384(14B9)	85660 T62068
675	GF201:96(89B11):384(11D22)	PHOSPHOLEMMAN H57136
676	GF201:96(97H6):384(13P12)	AQUAPORIN 1 (CHANNEL-FORMING INTEGRAL PROTEIN, 28KD) H24316
677	GF201:96(97H7):384(13P14)	APOLIPOPROTEIN A-I R97710
678	GF200:96(11D12):384(3H24)	SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 14 R96668
679	GF200:96(5C8):384(2E15)	PEROXISOME PROLIFERATIVE ACTIVATED RECEPTOR, GAMMA AA088517
680	GF200:96(13A3):384(4A5)	ENDOTHELIN RECEPTOR TYPE B H28710
681	GF201:96(101F5):384(14L10)	79412 T57691
682	GF200:96(14H2):384(4O4)	ACTIVATING TRANSCRIPTION FACTOR 3 H21041
683	GF201:96(92D8):384(12G16)	HORMONE RECEPTOR (GROWTH FACTOR-INDUCIBLE NUCLEAR PROTEIN N10) N94487
684	GF200:96(13B4):384(4C7)	DOPACHROME TAUTOMERASE (DOPACHROME DELTA-ISOMERASE, TYROSINE-RELATED PROTEIN 2) AA478553
685	PEROU:96(7C3):384(20F6)	P55-C-FOS N36944
686	PEROU:96(7D10):384(20H20)	V-FOS FBJ MURINE OSTEOSARCOMA VIRAL ONCOGENE HOMOLOG AA040944
687	GF201:96(87F1):384(11K1)	V-FOS FBJ MURINE OSTEOSARCOMA VIRAL ONCOGENE HOMOLOG AA485377
688	GF200:96(22B11):384(6C22)	FBJ MURINE OSTEOSARCOMA VIRAL ONCOGENE HOMOLOG B T62179
689	GF201:96(96D8):384(13G16)	CYCLIN-DEPENDENT KINASE 5, REGULATORY SUBUNIT 1 (P35) AA442853
690	GF200:96(4A5):384(1B9)	HUMAN TRANSCRIPTION FACTOR JUNB (JUNB) GENE, 5' REGION AND COMPLETE CDS T99236
691	GF201:96(86D5):384(10H9)	TETRANECTIN (PLASMINOGEN-BINDING PROTEIN) W73889
692	GF200:96(9B7):384(3C13)	GTP-BINDING PROTEIN OVEREXPRESSED IN SKELETAL MUSCLE AA418077
693	GF201:96(63B5):384(23C9)	502155 AA126676
694	GF201:96(98F11):384(13L21)	ESTS, WEAKLY SIMILAR TO P126 [H.SAPIENS] T51630
695	PEROU:96(10A8):384(18B15)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] H42682
696	GF201:96(67C6):384(24E11)	300038 N78909
697	GF202:96(114G11):384(16M22	595078 AA164819
698	GF200:96(1B8):384(1C15)	V-KIT HARDY-ZUCKERMAN 4 FELINE SARCOMA VIRAL ONCOGENE HOMOLOG N20798
699	GF200:96(18A6):384(5A12)	INHIBITOR OF DNA BINDING 4, DOMINANT NEGATIVE HELIX-LOOP-HELIX PROTEIN AA464856
700	GF200:96(5H7):384(2O13)	CALPONIN 1, BASIC, SMOOTH MUSCLE AA399519
701	PEROU:96(8F5):384(20L9)	ACTIN, GAMMA 2, SMOOTH MUSCLE, ENTERIC AA053297
702	PEROU:96(7B5):384(20D10)	PLEIOTROPHIN (HEPARIN BINDING GROWTH FACTOR 8, NEURITE GROWTH-PROMOTING FACTOR 1) AA001449
703	GF200:96(16F12):384(4L23)	PLEIOTROPHIN (HEPARIN BINDING GROWTH FACTOR 8, NEURITE GROWTH-PROMOTING FACTOR 1) AA001449
704	GF200:96(13D12):384(4G23)	CYSTEINE DIOXYGENASE, TYPE I AA497111
705	GF200:96(9H11):384(3O21)	27787 R40400

706	GF201:96(69C6):384(24F12)	220078 H82527
707	GF201:96(79B4):384(9C7)	272038 N31948
708	GF201:96(100F2):384(14K4)	SPONDIN 1, (F-SPONDIN) EXTRACELLULAR MATRIX PROTEIN H09099
709	GF201:96(58E2):384(21J3)	CATHEPSIN G W92603
710	GF200:96(18A3):384(5A6)	HUMAN KRUEPPEL-RELATED ZINC FINGER PROTEIN (H-PLK) MRNA, COMPLETE CDS N54596
711	GF201:96(88E4):384(11I8)	INSULIN-LIKE GROWTH FACTOR 2 (SOMATOMEDIN A) N74623
712	GF200:96(9A5):384(3A9)	HUMAN KRUEPPEL-RELATED ZINC FINGER PROTEIN (H-PLK) MRNA, COMPLETE CDS N54596
713	GF201:96(95G9):384(13M17)	PHOSPHORYLASE, GLYCOGEN; MUSCLE (MCARDLE SYNDROME, GLYCOGEN STORAGE DISEASE TYPE V) AA496032
714	GF201:96(87H7):384(11O13)	MICROFIBRILLAR-ASSOCIATED PROTEIN 4 AA496022
715	GF201:96(97E6):384(13J12)	ALCOHOL DEHYDROGENASE 4 (CLASS II), PI POLYPEPTIDE H63124
716	GF200:96(1D12):384(1G23)	HUMAN TCF-1 MRNA FOR T CELL FACTOR 1 (SPLICE FORM B) AA480071
717	GF201:96(96H9):384(13O18)	TRANSMEMBRANE 4 SUPERFAMILY MEMBER 2 N93505
718	GF201:96(79E10):384(9I19)	782730 AA447978
719	GF201:96(63E2):384(23I3)	212489 H68404
720	GF201:96(97A1):384(13B2)	CD1C ANTIGEN, C POLYPEPTIDE AA002086
721	GF201:96(84B4):384(10C8)	INTEGRAL MEMBRANE PROTEIN 2C N53447
722	GF201:96(96B8):384(13C16)	DIPEPTIDYLPEPTIDASE IV (CD26, ADENOSINE DEAMINASE COMPLEXING PROTEIN 2) W70234
723	GF201:96(95F8):384(13K15)	GLUTAMYL AMINOPEPTIDASE (AMINOPEPTIDASE A) AA102107
724	GF200:96(1B5):384(1C9)	ARGININE VASOPRESSIN RECEPTOR 1A AA448190
725	GF200:96(26F4):384(7K8)	MATRIX METALLOPROTEINASE 16 (MEMBRANE-INSERTED) H09997
726	PEROU:96(7A1):384(20B2)	KIAA0735 AI669959
727	GF201:96(83A3):384(10A5)	CATHEPSIN B AA004638
728	GF200:96(10C5):384(3E10)	HOMO SAPIENS HYALURONOGLUCOSAMINIDASE 1 (HYAL1) MRNA, COMPLETE CDS AA464791
729	PEROU:96(9E2):384(18J4)	SPARC/OSTEONECTIN AA031596
730	GF202:96(111D5):384(15H10)	ESTS, WEAKLY SIMILAR TO AORTIC CARBOXYPEPTIDASE-LIKE PROTEIN ACLP [H.SAPIENS] AA598945
731	GF201:96(90B11):384(11D21)	KIAA0161 GENE PRODUCT W95118
732	GF201:96(81H8):384(9P16)	307645 N93582
733	GF201:96(99G3):384(14M5)	52865 H29620
734	PEROU:96(6F7):384(20K14)	ESTS, MODERATELY SIMILAR TO SECRETORY PROTEIN CONTAINING THROMBOSPONDIN MOTIFS [M.MUSCULUS] AA057170
735	GF200:96(12G11):384(3N21)	FOLATE RECEPTOR 2 (FETAL) AA453816
736	GF201:96(95H7):384(13O13)	FIBROBLAST GROWTH FACTOR 7 (KERATINOCYTE GROWTH FACTOR) AA009609
737	GF200:96(21G12):384(6M23)	PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUBUNIT, POLYPEPTIDE 1 (P85 ALPHA) R54050
738	GF201:96(87G3):384(11M5)	NERVE GROWTH FACTOR RECEPTOR (TNFR SUPERFAMILY, MEMBER 16) R55303
739	GF201:96(92C9):384(12E18)	PROLINE-RICH PROTEIN WITH NUCLEAR TARGETING SIGNAL AA669637
740	GF200:96(3F11):384(1L22)	V-MYB AVIAN MYELOBLASTOSIS VIRAL ONCOGENE HOMOLOG N49526
741	GF202:96(116B11):384(16D21	HUMAN LIVER CARBOXYLESTERASE MRNA, 3' END T68878
742	GF200:96(21D5):384(6G9)	PROTEIN TYROSINE KINASE 2 BETA R85257

Table 1

743	PEROU:96(6G3):384(20M6)	HHCPA78 HOMOLOG AA044633
744	GF200:96(26H3):384(7O6)	LPS-INDUCED TNF-ALPHA FACTOR AA625666
745	GF201:96(99H5):384(14O9)	CELLULAR REPRESSOR OF E1A-STIMULATED GENES T71991
746	GF201:96(84A4):384(10A8)	272262 N35592
747	GF200:96(10E2):384(3I4)	KIAA0914 GENE PRODUCT N51424
748	GF200:96(17F4):384(5K7)	FATTY-ACID-COENZYME A LIGASE, LONG-CHAIN 1 T73556
749	GF201:96(101B6):384(14D12)	HOMO SAPIENS MRNA; CDNA DKFZP586A0522 (FROM CLONE DKFZP586A0522) T50041
750	GF201:96(83B7):384(10C13)	HOMO SAPIENS MRNA; CDNA DKFZP586A0522 (FROM CLONE DKFZP586A0522) N70948
751	PEROU:96(8B4):384(20D7)	MEMBRANE METALLO-ENDOPEPTIDASE (NEUTRAL ENDOPEPTIDASE, ENKEPHALINASE, CALLA, CD10) H65598
752	GF200:96(10D2):384(3G4)	CYCLIN G2 AA489752
753	GF200:96(9E4):384(3I7)	B-CELL TRANSLOCATION GENE 2 (PHEOCHROMACYTOMA CELL-3) H69582
754	GF201:96(91G4):384(12M7)	769796 AA429034
755	GF201:96(100H6):384(14O12)	77911 T61269
756	GF200:96(23E7):384(6J14)	SELENOPROTEIN P, PLASMA, 1 AA070226
757	PEROU:96(10C7):384(18F13)	428431 AA004415
758	GF200:96(12F7):384(3L13)	FUCOSIDASE, ALPHA-L- 1, TISSUE N95761
759	PEROU:96(8D10):384(20H19)	HEMOGLOBIN, ALPHA 1 AA027875
760	GF201:96(102A3):384(14B5)	ESTS, WEAKLY SIMILAR TO F56A11.5 [C.ELEGANS] T61938
761	GF200:96(16D5):384(4H9)	PROTEOLIPID PROTEIN (PELIZAEUS-MERZBACHER DISEASE, SPASTIC PARAPLEGIA 2, UNCOMPLICATED) T75041
762	GF201:96(96A10):384(13A20)	EARLY GROWTH RESPONSE 2 (KROX-20 (DROSOPHILA) HOMOLOG) AA446027
763	GF201:96(65A8):384(23B16)	357396 W93847
764	GF201:96(89F10):384(11L20)	MITOCHONDRIAL 3-OXOACYL-COA THIOLASE H07926
765	PEROU:96(6E6):384(20I12)	MESODERM SPECIFIC TRANSCRIPT (MOUSE) HOMOLOG AI369005
766	GF201:96(95G7):384(13M13)	HUMAN GRANCALCIN MRNA, COMPLETE CDS R44739
767	GF200:96(22E10):384(6I20)	ESTS, MODERATELY SIMILAR TO CADHERIN 12 [H.SAPIENS] AA418564
768	GF200:96(9G1):384(3M1)	ESTS, MODERATELY SIMILAR TO CADHERIN 12 [H.SAPIENS] W02256
769	GF200:96(17B1):384(5C1)	ORNITHINE DECARBOXYLASE 1 AA460115
770	GF201:96(57D5):384(21H10)	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN H1 (H) R11019
771	GF201:96(87B4):384(11C7)	PROTEIN KINASE, CAMP-DEPENDENT, CATALYTIC, BETA AA018980
772	GF201:96(95G1):384(13M1)	GLUTAMATE DECARBOXYLASE 1 (BRAIN, 67KD) AA018457
773	GF200:96(6A10):384(2A20)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, N POLYPEPTIDE 2 AA464590
774	GF201:96(93G6):384(12N12)	KIAA0711 GENE PRODUCT AA702544
775	GF201:96(63C5):384(23E9)	HOMO SAPIENS MRNA; CDNA DKFZP564F093 (FROM CLONE DKFZP564F093) W87710
776	GF202:96(114G1):384(16M2)	HOMO SAPIENS DNA SEQUENCE FROM COSMID ICK0721Q ON CHROMOSOME 6. CONTAINS A 60S RIBOSOMAL PROTEIN L35A LIKE PSEUDOGENE, A GENE CODING FOR A 60S RIBOSOMAL PROTEIN L12 LIKE PROTEIN IN AN INTRON OF THE HSET GENE CODING FOR A KINESIN AA457543
777	GF202:96(111C12):384(15F24)	625764 AA188366

Table 1

778	GF201:96(64E7):384(23I14)	357298 W93688
779	GF201:96(100E12):384(14I24)	HNK-1 SULFOTRANSFERASE R16195
780	GF201:96(99A9):384(14A17)	INTERFERON STIMULATED GENE (20KD) AA150500
781	GF201:96(56E4):384(21I8)	ESTS, MODERATELY SIMILAR TO TRANSPORTIN [H.SAPIENS] R08897
782	GF200:96(19G6):384(5N12)	HUMAN MRNA FOR KIAA0264 GENE, PARTIAL CDS AA486524
783	GF201:96(55G2):384(21M3)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4894378) [H.SAPIENS] AA453591
784	GF201:96(59D2):384(22G3)	365536 AA009596
785	GF202:96(116G3):384(16N5)	ESTS, WEAKLY SIMILAR TO AXONEMAL DYNEIN HEAVY CHAIN [H.SAPIENS] AA486418
786	GF201:96(95B6):384(13C11)	ESTS, HIGHLY SIMILAR TO NAD(P) TRANSHYDROGENASE [H.SAPIENS] H22944
787	GF201:96(62B12):384(22D23)	487436 AA043360
788	GF201:96(56C2):384(21E4)	342522 W68559
789	GF200:96(24G6):384(6N11)	H.SPAIENS 3' MRNA FOR NEURONE-SPECIFIC ENOLASE (EC 4.2.1.11) AA450189
790	GF201:96(96D6):384(13G12)	CYSTATHIONINE-BETA-SYNTHASE AA430367
791	GF201:96(87E4):384(11I7)	NUCLEOLAR PROTEIN 1 (120KD) N50854
792	GF201:96(83H10):384(10O19)	ESTS, WEAKLY SIMILAR TO HUEMAP [H.SAPIENS] AA122022
793	PEROU:96(6A8):384(20A16)	HOMO SAPIENS MRNA; CDNA DKFZP586C201 (FROM CLONE DKFZP586C201) R12563
794	GF201:96(62D2):384(22H3)	503682 AA129974
795	GF200:96(1B6):384(1C11)	VALYL-TRNA SYNTHETASE 1 AA464470
796	GF202:96(112A2):384(15B3)	ESTS, WEAKLY SIMILAR TO ACID PHOSPHATASE [H.SAPIENS] AA160670
797	GF201:96(99C9):384(14E17)	75044 T51856
798	GF200:96(15D12):384(4H24)	THIOREDOXIN REDUCTASE 1 AA453335
799	GF201:96(56D5):384(21G10)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA404276
800	GF201:96(85A10):384(10B20)	IGF-II MRNA-BINDING PROTEIN 3 AA011347
801	GF200:96(23B11):384(6D22)	HIGH-MOBILITY GROUP (NONHISTONE CHROMOSOMAL) PROTEIN ISOFORMS I AND Y AA448261
802	GF201:96(95F1):384(13K1)	GLYCYL-TRNA SYNTHETASE AA629909
803	GF200:96(21H9):384(6O17)	HOMO SAPIENS CLONE 24636 MRNA SEQUENCE N79230
804	GF200:96(9D9):384(3G17)	CDC6 (CELL DIVISION CYCLE 6, S. CEREVISIAE) HOMOLOG H59203
805	GF201:96(58F6):384(21L11)	ESTS, HIGHLY SIMILAR TO TAT BINDING PROTEIN 7, TBP-7 AA464568
806	GF202:96(112E10):384(15J19)	HOMO SAPIENS MRNA; CDNA DKFZP547C0410 (FROM CLONE DKFZP547C0410) N50079
807	GF200:96(9H6):384(3O11)	HOMO SAPIENS PESCADILLO MRNA, COMPLETE CDS R13806
808	GF200:96(16E10):384(4J19)	KALLIKREIN 3, (PROSTATE SPECIFIC ANTIGEN) AA490981
809	GF200:96(16G8):384(4N15)	ESTS, HIGHLY SIMILAR TO 6-PHOSPHOGLUCONATE DEHYDROGENASE, DECARBOXYLATING [H.SAPIENS] AA598759
810	GF201:96(87F6):384(11K11)	NUCLEOPHOSMIN (NUCLEOLAR PHOSPHOPROTEIN B23, NUMATRIN) AA669758
811	GF201:96(90C11):384(11F21)	E2F TRANSCRIPTION FACTOR 3 N92519
812	GF200:96(7E12):384(2J24)	GAMMA-GLUTAMYL HYDROLASE (CONJUGASE, FOLYLPOLYGAMMAGLUTAMYL HYDROLASE) AA455800
813	GF200:96(13G6):384(4M11)	CENTROMERE PROTEIN E (312KD) AA402431
814	GF200:96(7B2):384(2D4)	KIAA0042 GENE PRODUCT AA477501

Table 1

815	GF200:96(13E4):384(4I7)	CYCLIN B1 R25788
816	GF201:96(96G1):384(13M2)	CELL DIVISION CYCLE 25C W95001
817	GF200:96(5G1):384(2M1)	PROTEASOME (PROSOME, MACROPAIN) 26S SUBUNIT, NON-ATPASE, 12 AA497132
818	GF200:96(21C2):384(6E3)	HUMAN CLONE 23799 MRNA SEQUENCE AA489007
819	GF201:96(99B5):384(14C9)	HOMO SAPIENS CLONE 24703 BETA-TUBULIN MRNA, COMPLETE CDS AA427899
820	GF200:96(17C7):384(5E13)	METHYLENE TETRAHYDROFOLATE DEHYDROGENASE (NAD+ DEPENDENT), METHENYLTETRAHYDROFOLATE CYCLOHYDROLASE AA480995
821	GF201:96(82D11):384(9H21)	430186 AA010188
822	GF201:96(87G10):384(11M19)	MUTT (E. COLI) HUMAN HOMOLOG (8-OXO-7,8-DIHYDROGUANOSINE TRIPHOSPHATASE) AA443998
823	GF201:96(87A10):384(11A19)	RIBONUCLEOTIDE REDUCTASE M1 POLYPEPTIDE AA633549
824	GF200:96(10H6):384(3O12)	HIGH-MOBILITY GROUP (NONHISTONE CHROMOSOMAL) PROTEIN 2 AA019511
825	GF200:96(11A6):384(3B12)	HOMO SAPIENS CLONE 24782 UNKNOWN MRNA AA430545
826	GF201:96(63E12):384(23I23)	126449 R06706
827	GF201:96(98A5):384(13B9)	APOPTOSIS INHIBITOR 4 (SURVIVIN) AA460685
828	GF200:96(13H12):384(4O23)	CTP SYNTHASE H09614
829	GF201:96(93F10):384(12L20)	BYSTIN-LIKE AA701929
830	GF201:96(64G8):384(23M16)	258761 N30185
831	PEROU:96(4B1):384(19D1)	PLASMINOGEN (CONTAINS ANGIOSTATIN) R91118
832	PEROU:96(7C2):384(20F4)	KIAA0101 GENE PRODUCT N29873
833	GF200:96(10D8):384(3G16)	CHK1 (CHECKPOINT, S.POMBE) HOMOLOG N73242
834	GF201:96(58D3):384(21H5)	TOPOISOMERASE (DNA) II ALPHA (170KD) AA026682
835	GF201:96(57D4):384(21H8)	KIAA0008 GENE PRODUCT W93717
836	PEROU:96(8H9):384(20P17)	ANTIGEN IDENTIFIED BY MONOCLONAL ANTIBODY KI-67 AA004872
837	GF200:96(1E5):384(1I9)	TISSUE INHIBITOR OF METALLOPROTEINASE 1 (ERYTHROID POTENTIATING ACTIVITY, COLLAGENASE INHIBITOR) H80215
838	GF200:96(15D4):384(4H8)	ESTS, HIGHLY SIMILAR TO TOPOISOMERASE II ALPHA {C-TERMINAL} [H.SAPIENS] AA504348
839	GF202:96(109F7):384(15K13)	TRAF INTERACTING PROTEIN AA186427
840	GF201:96(96C9):384(13E18)	HOMO SAPIENS MRNA; CDNA DKFZP434F222 (FROM CLONE DKFZP434F222) AA680129
841	GF200:96(3E7):384(1J14)	MINICHROMOSOME MAINTENANCE DEFICIENT (S. CEREVISIAE) 3 AA455786
842	GF201:96(90B10):384(11D19)	KIAA0166 GENE PRODUCT AA157787
843	GF201:96(87F8):384(11K15)	NUCLEAR AUTOANTIGENIC SPERM PROTEIN (HISTONE-BINDING) AA644128
844	GF200:96(22D3):384(6G6)	DEAD/H (ASP-GLU-ALA-ASP/HIS) BOX POLYPEPTIDE 11 (S.CEREVISIAE CHL1-LIKE HELICASE) AA402879
845	GF200:96(10E1):384(3I2)	DEAD/H (ASP-GLU-ALA-ASP/HIS) BOX POLYPEPTIDE 11 (S.CEREVISIAE CHL1-LIKE HELICASE) AA032090
846	GF201:96(89C4):384(11F8)	MINICHROMOSOME MAINTENANCE DEFICIENT (MIS5, S. POMBE) 6 AA663995
847	GF200:96(13C12):384(4E23)	DNA (CYTOSINE-5-)-METHYLTRANSFERASE 1 N43930
848	GF201:96(102B1):384(14D1)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] T63980
849	GF200:96(21A5):384(6A9)	ENHANCER OF ZESTE (DROSOPHILA) HOMOLOG 2 AA430744

Table 1

850	GF201:96(99E1):384(14I1)	REPLICATION FACTOR C (ACTIVATOR 1) 4 (37KD) N93924
851	GF200:96(15B4):384(4D8)	V-MYB AVIAN MYELOBLASTOSIS VIRAL ONCOGENE HOMOLOG-LIKE 2 AA456878
852	GF201:96(86H10):384(10P19)	RIBONUCLEOTIDE REDUCTASE M2 POLYPEPTIDE AA187351
853	GF201:96(58D7):384(21H13)	CDC28 PROTEIN KINASE 2 AA010065
854	GF200:96(25H3):384(7O5)	CDC28 PROTEIN KINASE 2 AA397813
855	GF201:96(98D1):384(13H1)	PITUITARY TUMOR-TRANSFORMING 1 AA430032
856	GF200:96(4E4):384(1J7)	HUMAN UBIQUITIN CARRIER PROTEIN (E2-EPF) MRNA, COMPLETE CDS AA464729
857	GF201:96(88A12):384(11A24)	ESTS, HIGHLY SIMILAR TO MITOTIC KINESIN-LIKE PROTEIN-1 [H.SAPIENS] AA454098
858	GF200:96(26C11):384(7E22)	TROPHININ-ASSISTING PROTEIN (TASTIN) H94949
859	GF200:96(18H3):384(5O6)	CELL DIVISION CYCLE 20, S.CEREVISIAE HOMOLOG AA598776
860	GF202:96(109B4):384(15C7)	HOMO SAPIENS MRNA FOR KIAA0788 PROTEIN, PARTIAL CDS AA676460
861	GF201:96(94C2):384(12F3)	HOMO SAPIENS HPV16 E1 PROTEIN BINDING PROTEIN MRNA, COMPLETE CDS AA630784
862	GF201:96(92B8):384(12C16)	CENTROMERE PROTEIN F (350/400KD, MITOSIN) AA701455
863	GF201:96(59D12):384(22G23)	782283 AA432248
864	GF200:96(22E1):384(6I2)	POLYMYOSITIS/SCLERODERMA AUTOANTIGEN 1 (75KD) AA458994
865	GF200:96(25C6):384(7E11)	CYCLIN A2 AA608568
866	GF200:96(25E10):384(7I19)	HOMO SAPIENS MRNA FOR CDC2 DELTA T, COMPLETE CDS AA598974
867	GF201:96(92E2):384(12I4)	PROTEIN KINASE MITOGEN- ACTIVATED 13 AA157499
868	GF201:96(92F2):384(12K4)	POLO (DROSOPHIA)-LIKE KINASE AA629262
869	GF200:96(7A8):384(2B16)	HUMAN MRNA FOR KIAA0074 GENE, PARTIAL CDS N54344
870	GF201:96(92E6):384(12I12)	BUDDING UNINHIBITED BY BENZIMIDAZOLES 1 (YEAST HOMOLOG) AA446462
871	GF200:96(25H4):384(7O7)	MINICHROMOSOME MAINTENANCE DEFICIENT (S. CEREVISIAE) 4 AA485983
872	GF202:96(110C1):384(15E2)	FLAP STRUCTURE-SPECIFIC ENDONUCLEASE 1 AA620553
873	PEROU:96(7B8):384(20D16)	236142 H61303
874	GF200:96(22A8):384(6A16)	FORKHEAD (DROSOPHILA)-LIKE 16 AA129552
875	GF200:96(10A8):384(3A16)	ESTS, HIGHLY SIMILAR TO SERINE/THREONINE KINASE [H.SAPIENS] R19158
876	GF200:96(15G5):384(4N10)	SMALL NUCLEAR RIBONUCLEOPROTEIN POLYPEPTIDES B AND B1 AA599116
877	PEROU:96(3F10):384(19L20)	PROLIFERATING CELL NUCLEAR ANTIGEN H13004
878	GF200:96(16F3):384(4L5)	PROLIFERATING CELL NUCLEAR ANTIGEN AA450265
879	GF201:96(59C9):384(22E17)	CALMODULIN 1 (PHOSPHORYLASE KINASE, DELTA) R76554
880	GF202:96(109C3):384(15E5)	NON-METASTATIC CELLS 1, PROTEIN (NM23A) EXPRESSED IN AA644092
881	GF201:96(86E5):384(10J9)	HUMAN MRNA FOR KIAA0098 GENE, PARTIAL CDS AA629692
882	GF202:96(116G8):384(16N15)	PROLIFERATION-ASSOCIATED 2G4, 38KD AA488332
883	GF200:96(1C3):384(1E5)	URACIL-DNA GLYCOSYLASE H15111
884	GF201:96(88A9):384(11A18)	MULTIFUNCTIONAL POLYPEPTIDE SIMILAR TO SAICAR SYNTHETASE AND AIR CARBOXYLASE N33274
885	GF202:96(113E7):384(16I13)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA088458
886	GF201:96(90F3):384(11L5)	MEMBRANE-ASSOCIATED TYROSINE- AND THREONINE-SPECIFIC CDC2-INHIBITORY KINASE AA478066
887	GF200:96(5G12):384(2M23)	292933 N69491

Table 1

888	GF201:96(96B11):384(13C22)	H.SAPIENS DHFR GENE, EXONS 1 & 2, AND JOINED CDS R00884
889	GF200:96(29B2):384(8C3)	244205 N52980
890	GF200:96(25B2):384(7C3)	PRIMASE, POLYPEPTIDE 1 (49KD) AA025937
891	GF201:96(90B12):384(11D23)	KIAA0159 GENE PRODUCT AA668256
892	GF200:96(17F10):384(5K19)	LAMIN B2 AA456868
893	GF201:96(86D3):384(10H5)	HOMO SAPIENS GENE FOR THYMIDYLATE SYNTHASE, EXONS 1, 2, 3, 4, 5, 6, 7, COMPLETE CDS AA663310
894	PEROU:96(7H9):384(20P18)	MCM5/CDC46 HOMOLOG AA075920
895	GF201:96(93B8):384(12D16)	CDC7 (CELL DIVISION CYCLE 7, S. CEREVISIAE, HOMOLOG)-LIKE 1 N62245
896	GF201:96(67C5):384(24E9)	EUKARYOTIC TRANSLATION ELONGATION FACTOR 1 EPSILON 1 N91962
897	GF200:96(23D12):384(6H24)	TRANSLIN AA461231
898	GF200:96(4D9):384(1H17)	HYALURONAN-MEDIATED MOTILITY RECEPTOR (RHAMM) R10284
899	GF201:96(96D9):384(13G18)	CYCLIN F AA676797
900	GF200:96(31E12):384(8J24)	ESTS, HIGHLY SIMILAR TO TOPOISOMERASE II ALPHA {C-TERMINAL} [H.SAPIENS] AA504348
901	GF201:96(96D10):384(13G20)	CYCLIN E1 T54121
902	GF201:96(58B3):384(21D5)	TRANSCRIPTION FACTOR COUP 2 (CHICKEN OVALBUMIN UPSTREAM PROMOTER 2, APOLIPOPROTEIN REGULATORY PROTEIN) R89308
903	GF202:96(115A5):384(16B10)	TYROSYL-TRNA SYNTHETASE AA102053
904	GF202:96(111C7):384(15F14)	HOMO SAPIENS EXPORTIN T MRNA, COMPLETE CDS AA211459
905	GF201:96(89C9):384(11F18)	ORIGIN RECOGNITION COMPLEX, SUBUNIT 1 (YEAST HOMOLOG)-LIKE R83277
906	GF200:96(19A11):384(5B22)	MAD2 (MITOTIC ARREST DEFICIENT, YEAST, HOMOLOG)-LIKE 1 AA481076
907	GF201:96(89G1):384(11N2)	HOMO SAPIENS DNA FOR APOER2 W80637
908	GF200:96(15G7):384(4N14)	SMALL NUCLEAR RIBONUCLEOPROTEIN POLYPEPTIDE B" AA521249
909	GF201:96(80C12):384(9E24)	770898 AA434411
910	GF202:96(113A7):384(16A13)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4877775) [H.SAPIENS] AA126951
911	GF200:96(26D4):384(7G8)	PHORBOLIN (SIMILAR TO APOLIPOPROTEIN B MRNA EDITING PROTEIN) T64880
912	GF202:96(116A6):384(16B11)	ESTS, WEAKLY SIMILAR TO PREGNANCY ZONE PROTEIN PRECURSOR [H.SAPIENS] AA600184
913	GF202:96(112G10):384(15N19	ESTS, WEAKLY SIMILAR TO POTENT HEAT-STABLE PROTEIN PHOSPHATASE 2A INHIBITOR I1PP2A [H.SAPIENS] AA130596
914	GF200:96(23D11):384(6H22)	CELL DIVISION CYCLE 25B H14343
915	GF200:96(17E12):384(5I23)	CELL DIVISION CYCLE 25B AA448755
916	GF200:96(11F5):384(3L10)	CHLORIDE CHANNEL, NUCLEOTIDE-SENSITIVE, 1A T52435
917	GF202:96(109A7):384(15A13)	THREONYL-TRNA SYNTHETASE AA630628
918	PEROU:96(2A10):384(19A20)	TRANSFERRIN RECEPTOR (P90, CD71) N27985
919	GF200:96(24D4):384(6H7)	GLUTAMIC-OXALOACETIC TRANSAMINASE 1, SOLUBLE (ASPARTATE AMINOTRANSFERASE 1) H22856
920	GF201:96(62E6):384(22J11)	308495 N95558
921	GF201:96(58D12):384(21H23)	CENTROMERE PROTEIN F (350/400KD, MITOSIN) T87341
922	GF201:96(80E5):384(9I10)	811069 AA485454
923	GF201:96(87F5):384(11K9)	NUCLEOSIDE PHOSPHORYLASE AA430382

Table 1

924	GF202:96(112F11):384(15L21)	731218 AA416724
925	GF201:96(89D12):384(11H24)	SOLUTE CARRIER FAMILY 16 (MONOCARBOXYLIC ACID TRANSPORTERS), MEMBER 3 AA129777
926	GF202:96(110D1):384(15G2)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] AA186804
927	GF200:96(16G10):384(4N19)	PHOSPHOFRUCTOKINASE, PLATELET AA608558
928	GF202:96(116G10):384(16N19	511647 AA126947
929	GF200:96(4C4):384(1F7)	PROTEOLIPID PROTEIN 2 (COLONIC EPITHELIUM-ENRICHED) AA464627
930	GF200:96(9F10):384(3K19)	PROTEIN DISULFIDE ISOMERASE RELATED PROTEIN (CALCIUM-BINDING PROTEIN, INTESTINAL-RELATED) N59626
931	PEROU:96(7E12):384(20J24)	HEAT SHOCK 70KD PROTEIN 4 R85253
932	GF201:96(97F2):384(13L4)	ADDUCIN 3 (GAMMA) AA461325
933	GF201:96(88D2):384(11G4)	INTERLEUKIN 7 RECEPTOR AA485865
934	GF201:96(92B10):384(12C20)	CYCLIN-DEPENDENT KINASE INHIBITOR 2C (P18, INHIBITS CDK4) N72115
935	GF201:96(95A4):384(13A7)	ADIPOSE DIFFERENTIATION-RELATED PROTEIN; ADIPOPHILIN AA700054
936	GF201:96(83F6):384(10K11)	ESTS, WEAKLY SIMILAR TO CDNA EST EMBL:D70402 COMES FROM THIS GENE [C.ELEGANS] N62924
937	GF201:96(83G3):384(10M5)	ESTS, HIGHLY SIMILAR TO DEDUCED PROTEIN PRODUCT SHOWS SIGNIFICANT HOMOLOGY TO COACTOSIN FROM DICTYOSTELIUM DISCOIDEUM [H.SAPIENS] R78530
938	GF201:96(95G12):384(13M23)	INTERFERON, GAMMA-INDUCIBLE PROTEIN 30 AA630800
939	GF201:96(95F12):384(13K23)	GLUTAMATE DECARBOXYLASE 2 (PANCREATIC ISLETS AND BRAIN, 65KD) R44005
940	GF200:96(29G9):384(8M17)	SOLUTE CARRIER FAMILY 7 (CATIONIC AMINO ACID TRANSPORTER, Y+ SYSTEM), MEMBER 7 T98394
941	PEROU:96(6B7):384(20C14)	CHEMOKINE (C-X-C MOTIF), RECEPTOR 4 (FUSIN) AA479467
942	GF200:96(2A3):384(1A6)	SMALL INDUCIBLE CYTOKINE A4 (HOMOLOGOUS TO MOUSE MIP-1B) H62985
943	GF201:96(83G5):384(10M9)	ESTS, WEAKLY SIMILAR TO PUTATIVE P150 [H.SAPIENS] R74478
944	GF200:96(6F10):384(2K20)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.SAPIENS] T94293
945	GF200:96(8B7):384(2D13)	CHITINASE 1 T94272
946	GF200:96(8A6):384(2B11)	53341 R15934
947	GF200:96(10B8):384(3C16)	SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 18, PULMONARY AND ACTIVATION-REGULATED AA495985
948	GF200:96(10C8):384(3E16)	FOLYLPOLYGLUTAMATE SYNTHASE R44864
949	PEROU:96(6D4):384(20G8)	LYSOZYME (RENAL AMYLOIDOSIS) N63943
950	GF201:96(88B6):384(11C12)	LYSOZYME (RENAL AMYLOIDOSIS) N63943
951	GF201:96(86C12):384(10F23)	TRANSCRIPTION FACTOR AP-2 ALPHA (ACTIVATING ENHANCER-BINDING PROTEIN 2 ALPHA) N63770
952	GF201:96(88B10):384(11C20)	LIPASE A, LYSOSOMAL ACID, CHOLESTEROL ESTERASE (WOLMAN DISEASE) AA630104
953	GF200:96(25H8):384(7O15)	CD68 ANTIGEN AA421296
954	GF200:96(14H7):384(4O14)	ACID PHOSPHATASE 5, TARTRATE RESISTANT R08816
955	PEROU:96(6B2):384(20C4)	FC FRAGMENT OF IGE, HIGH AFFINITY I, RECEPTOR FOR; GAMMA POLYPEPTIDE R79170
956	GF202:96(114H10):384(16O20	CATHEPSIN Z AA488341
957	GF200:96(14A4):384(4A8)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DM ALPHA H42679
958	GF201:96(94E9):384(12J17)	HUMAN MRNA FOR SB CLASSII HISTOCOMPATIBILITY ANTIGEN ALPHA-CHAIN AA634028
959	GF200:96(17E1):384(5I1)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DP BETA 1 AA486627

960	GF200:96(26C5):384(7E10)	HUMAN MHC CLASS II DQ-ALPHA ASSOCIATED WITH DRW6, DQW1 PROTEIN, COMPLETE CDS, CLONE B T63324
961	GF200:96(17E10):384(5I19)	HUMAN MHC CLASS II DQ-ALPHA ASSOCIATED WITH DRW6, DQW1 PROTEIN, COMPLETE CDS, CLONE B T63324
962	GF200:96(17F1):384(5K1)	LYSYL OXIDASE AA452916
963	GF200:96(8H10):384(2P19)	HUMAN MHC CLASS II DQ-BETA ASSOCIATED WITH DR2, DQW1 PROTEIN, COMPLETE CDS AA458472
964	GF200:96(32C10):384(8F19)	121275 T96731
965	GF201:96(63A7):384(23A13)	HOMO SAPIENS MRNA FOR KIAA0937 PROTEIN, PARTIAL CDS AA043790
966	GF201:96(88B3):384(11C6)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DR BETA 1 AA664195
967	PEROU:96(6C5):384(20E10)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DR BETA 5 H52245
968	GF201:96(88A2):384(11A4)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DR BETA 5 AA485739
969	PEROU:96(6D9):384(20G18)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS II, DR BETA 5 AA037380
970	GF200:96(11A10):384(3B20)	HUMAN HLA-DR ALPHA-CHAIN MRNA R47979
971	PEROU:96(8A12):384(20B23)	KIAA0855 AI636699
972	GF200:96(15A12):384(4B24)	VASCULAR CELL ADHESION MOLECULE 1 H16637
973	GF200:96(1B4):384(1C7)	VASCULAR CELL ADHESION MOLECULE 1 H07071
974	GF200:96(11F3):384(3L6)	MACROPHAGE-ASSOCIATED ANTIGEN AA401693
975	GF200:96(3H9):384(1P18)	FC FRAGMENT OF IGG, LOW AFFINITY IIIA, RECEPTOR FOR (CD16) H20872
976	GF201:96(58D9):384(21H17)	ESTS, HIGHLY SIMILAR TO COMPLEMENT C1Q SUBCOMPONENT, C CHAIN PRECURSOR [H.SAPIENS] N38801
977	GF200:96(32F6):384(8L11)	ESTS, HIGHLY SIMILAR TO COMPLEMENT C1Q SUBCOMPONENT, C CHAIN PRECURSOR [H.SAPIENS] N90491
978	GF200:96(25D6):384(7G11)	COMPLEMENT COMPONENT 1, Q SUBCOMPONENT, BETA POLYPEPTIDE T71284
979	GF200:96(25D1):384(7G1)	COMPLEMENT COMPONENT 2 T71879
980	GF201:96(94H11):384(12P21)	FIBRINOGEN-LIKE PROTEIN 2 H56349
981	GF201:96(93A10):384(12B20)	HOMO SAPIENS MRNA FOR KIAA0290 GENE, PARTIAL CDS AA400186
982	GF201:96(97F3):384(13L6)	ADDUCIN 2 (BETA) AA019320
983	GF200:96(12D6):384(3H11)	GLUCAN (1,4-ALPHA-), BRANCHING ENZYME 1 (GLYCOGEN BRANCHING ENZYME, ANDERSEN DISEASE, GLYCOGEN STORAGE DISEASE TYPE IV) R09069
984	GF200:96(9F11):384(3K21)	GOLGI AUTOANTIGEN, GOLGIN SUBFAMILY A, 2 AA495724
985	GF200:96(12D2):384(3H3)	GLUCOSE-6-PHOSPHATE DEHYDROGENASE AA424937
986	GF200:96(23F6):384(6L12)	T-CELL ACTIVATION PROTEIN, EB1 FAMILY AA608576
987	GF201:96(84A8):384(10A16)	133518 R28608
988	GF200:96(2F12):384(1K24)	PROTEIN KINASE C, ALPHA AA030029
989	GF200:96(3E10):384(1J20)	MEMBRANE PROTEIN, PALMITOYLATED 1 (55KD) W01240
990	GF201:96(99F5):384(14K9)	52128 H22568
991	GF202:96(116C10):384(16F19)	34294 R44346
992	GF200:96(12F6):384(3L11)	FUCOSYLTRANSFERASE 4 (ALPHA (1,3) FUCOSYLTRANSFERASE, MYELOID-SPECIFIC) R28447
993	GF201:96(63G12):384(23M23)	366778 AA029722

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994	GF201:96(83F9):384(10K17)	491644 AA150263
995	GF200:96(26G5):384(7M10)	NOVEL HUMAN GENE MAPPING TO CHOMOSOME 13 AA488718
996	GF200:96(21F12):384(6K23)	IQ MOTIF CONTAINING GTPASE ACTIVATING PROTEIN 2 W32272
997	GF201:96(97A2):384(13B4)	CD1D ANTIGEN, D POLYPEPTIDE AA451684
998	GF202:96(109A10):384(15A19	SMALL INDUCIBLE CYTOKINE A5 (RANTES) AA486072
999	GF200:96(12B9):384(3D17)	NATURAL KILLER CELL GROUP 7 SEQUENCE T57859
1000	GF201:96(86D10):384(10H19)	TRYPTOPHANYL-TRNA SYNTHETASE AA664040
1001	GF201:96(88D9):384(11G18)	INTERCELLULAR ADHESION MOLECULE 1 (CD54), HUMAN RHINOVIRUS RECEPTOR R77293
1002	GF200:96(17A11):384(5A21)	768638 AA425352
1003	PEROU:96(6A5):384(20A10)	SMALL INDUCIBLE CYTOKINE A2 (MONOCYTE CHEMOTACTIC PROTEIN 1, HOMOLOGOUS TO MOUSE SIG-JE) T77817
1004	GF200:96(2A4):384(1A8)	SMALL INDUCIBLE CYTOKINE A2 (MONOCYTE CHEMOTACTIC PROTEIN 1, HOMOLOGOUS TO MOUSE SIG-JE) AA425102
1005	GF200:96(5E4):384(2I7)	SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 13 T64134
1006	GF201:96(86F11):384(10L21)	SMALL INDUCIBLE CYTOKINE SUBFAMILY A (CYS-CYS), MEMBER 11 (EOTAXIN) W69211
1007	GF201:96(92G4):384(12M8)	LEUKOCYTE IMMUNOGLOBULIN-LIKE RECEPTOR 2 H54023
1008	GF201:96(98G1):384(13N1)	HOMO SAPIENS MRNA FOR KILLER ACTIVATING RECEPTOR ASSOCIATED PROTEIN, ISOFORM B H12338
1009	GF200:96(26F12):384(7K24)	FC FRAGMENT OF IGE, HIGH AFFINITY I, RECEPTOR FOR; GAMMA POLYPEPTIDE H79353
1010	GF202:96(109D3):384(15G5)	INTEGRIN, ALPHA X (ANTIGEN CD11C (P150), ALPHA POLYPEPTIDE) N64384
1011	GF201:96(88D11):384(11G22)	754406 AA436187
1012	GF201:96(95H9):384(13O17)	FC FRAGMENT OF IGG, LOW AFFINITY IIA, RECEPTOR FOR (CD32) AA634109
1013	GF200:96(25E12):384(7I23)	CATHEPSIN S AA236164
1014	GF200:96(1H9):384(1O17)	SOLUTE CARRIER FAMILY 2 (FACILITATED GLUCOSE TRANSPORTER), MEMBER 5 H38650
1015	GF200:96(12D8):384(3H15)	GARDNER-RASHEED FELINE SARCOMA VIRAL (V-FGR) ONCOGENE HOMOLOG AA256231
1016	GF201:96(97B12):384(13D24)	BACTERICIDAL/PERMEABILITY-INCREASING PROTEIN AA680249
1017	GF202:96(112B9):384(15D17)	783959 AA447383
1018	GF200:96(14F5):384(4K10)	AMINOLEVULINATE, DELTA-, SYNTHASE 1 AA453691
1019	GF201:96(87G9):384(11M17)	MYELOPEROXIDASE AA703058
1020	GF201:96(94A3):384(12B5)	KIAA0443 GENE PRODUCT AA702949
1021	GF201:96(87G8):384(11M15)	N-ACETYLTRANSFERASE, HOMOLOG OF S. CEREVISIAE ARD1 R55220
1022	GF200:96(28B12):384(7D23)	ESTS, WEAKLY SIMILAR TO DJ79C4.1.2 [H.SAPIENS] R69179
1023	GF201:96(94E10):384(12J19)	HEMOGLOBIN, ZETA N59636
1024	GF201:96(55A4):384(21A7)	PHOSPHOLIPASE C, BETA 2 AA464970
1025	GF200:96(27D10):384(7H20)	ESTS, WEAKLY SIMILAR TO E25B PROTEIN [M.MUSCULUS] AA034213
1026	GF201:96(95D8):384(13G15)	CORE-BINDING FACTOR, RUNT DOMAIN, ALPHA SUBUNIT 3 N67778
1027	GF201:96(102H7):384(14P13)	40296 R52082
1028	GF200:96(11B6):384(3D12)	RHO GTPASE ACTIVATING PROTEIN 4 H69620
1029	GF200:96(11H1):384(3P2)	RAS HOMOLOG GENE FAMILY, MEMBER H W38571

Table 1

1030	GF202:96(116B7):384(16D13)	HOMO SAPIENS IMMUNOGLOBULIN-LIKE TRANSCRIPT 7 MRNA, COMPLETE CDS N62837
1031	GF200:96(23C6):384(6F12)	HEMOPOIETIC CELL KINASE AA149096
1032	GF200:96(17A1):384(5A1)	CHEMOKINE (C-X-C MOTIF), RECEPTOR 4 (FUSIN) T62491
1033	GF200:96(4A11):384(1B21)	INTERCELLULAR ADHESION MOLECULE 3 AA478647
1034	GF201:96(100F4):384(14K8)	50619 H17517
1035	GF202:96(110D9):384(15G18)	742569 AA400074
1036	PEROU:96(6F11):384(20K22)	LYMPHOCYTE CYTOSOLIC PROTEIN 1 AA044266
1037	GF201:96(88B8):384(11C16)	ESTS, HIGHLY SIMILAR TO L-PLASTIN [H.SAPIENS] W73144
1038	GF200:96(15G1):384(4N2)	SPLEEN TYROSINE KINASE AA598572
1039	GF201:96(89A3):384(11B6)	RIBONUCLEASE, RNASE A FAMILY, K6 AA701545
1040	GF200:96(2E10):384(1I20)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, C POLYPEPTIDE H74265
1041	GF200:96(4A7):384(1B13)	INTERLEUKIN 2 RECEPTOR, GAMMA (SEVERE COMBINED IMMUNODEFICIENCY) N75745
1042	GF200:96(9D8):384(3G15)	CLK-ASSOCIATING RS-CYCLOPHILIN H14513
1043	GF202:96(116A8):384(16B15)	ESTS, WEAKLY SIMILAR TO RETINAL SHORT-CHAIN DEHYDROGENASE/REDUCTASE RETSDR1 [H.SAPIENS] N79745
1044	PEROU:96(6B6):384(20C12)	INTEGRIN, BETA 2 (ANTIGEN CD18 (P95), LYMPHOCYTE FUNCTION-ASSOCIATED ANTIGEN 1; MACROPHAGE ANTIGEN 1 (MAC-1) BETA SUBUNIT) H17426
1045	GF200:96(16D6):384(4H11)	PROTEOGLYCAN 1, SECRETORY GRANULE AA278759
1046	GF200:96(24G11):384(6N21)	HUMAN EV12 PROTEIN GENE H93149
1047	GF202:96(110C3):384(15E6)	ECOTROPIC VIRAL INTEGRATION SITE 2B AA159620
1048	GF200:96(7A6):384(2B12)	LYSOSOMAL-ASSOCIATED MULTISPANNING MEMBRANE PROTEIN-5 AA410265
1049	GF201:96(79E8):384(9I15)	795544 AA459654
1050	GF200:96(9B2):384(3C3)	NOTCH (DROSOPHILA) HOMOLOG 4 AA419524
1051	GF201:96(90F8):384(11L15)	LEUKOCYTE IMMUNOGLOBULIN-LIKE RECEPTOR 7 N63398
1052	GF201:96(86C4):384(10F7)	TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY, MEMBER 1B AA150416
1053	PEROU:96(6C8):384(20E16)	HEMATOPOIETIC CELL-SPECIFIC LYN SUBSTRATE 1 N32012
1054	GF200:96(11B2):384(3D4)	HEMATOPOIETIC CELL-SPECIFIC LYN SUBSTRATE 1 AA424575
1055	PEROU:96(6A12):384(20A24)	FC FRAGMENT OF IGG, LOW AFFINITY IIB, RECEPTOR FOR (CD32) R78403
1056	GF200:96(10A6):384(3A12)	HOMO SAPIENS MRNA FOR GALECTIN-9 ISOFORM, COMPLETE CDS AA434102
1057	GF200:96(3A1):384(1B2)	PHOSPHOINOSITIDE-3-KINASE, CATALYTIC, GAMMA POLYPEPTIDE AA464765
1058	GF200:96(17A9):384(5A17)	PLECKSTRIN AA490267
1059	GF201:96(91D11):384(12G21)	ALLOGRAFT INFLAMMATORY FACTOR 1 W69954
1060	GF200:96(18F7):384(5K14)	SRC-LIKE-ADAPTER AA485141
1061	GF201:96(100E11):384(14I22)	33293 R43956
1062	GF200:96(22A4):384(6A8)	POTASSIUM VOLTAGE-GATED CHANNEL, SHAKER-RELATED SUBFAMILY, BETA MEMBER 2 H14383
1063	GF200:96(25E2):384(7I3)	CYTOCHROME B-245, BETA POLYPEPTIDE (CHRONIC GRANULOMATOUS DISEASE) AA463492
1064	GF201:96(89G2):384(11N4)	H.SAPIENS MRNA FOR CORONIN AA047478
1065	PEROU:96(6C1):384(20E2)	CD53 ANTIGEN H70125
1066	GF200:96(25H10):384(7O19)	CD53 ANTIGEN AA132090

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1067	GF200:96(26C7):384(7E14)	LYMPHOCYTE-SPECIFIC PROTEIN 1 T83159
1068	GF201:96(89E7):384(11J14)	HEMATOPOIETIC PROTEIN 1 AA668726
1069	GF200:96(6F12):384(2K24)	DEDICATOR OF CYTO-KINESIS 2 N70765
1070	GF201:96(96H11):384(13O22)	CD38 ANTIGEN (P45) R00276
1071	GF200:96(2F11):384(1K22)	PROTEIN KINASE C, BETA 1 AA479102
1072	GF201:96(100C6):384(14E12)	51029 H19330
1073	GF201:96(90A5):384(11B9)	51178 H17121
1074	GF200:96(22B8):384(6C16)	RHO GDP DISSOCIATION INHIBITOR (GDI) BETA AA487634
1075	GF201:96(90B5):384(11D9)	KIAA0195 GENE PRODUCT W79511
1076	GF201:96(96H12):384(13O24)	CD37 ANTIGEN AA676453
1077	GF201:96(96F7):384(13K14)	CHEMOKINE (C-C MOTIF) RECEPTOR 1 AA036881
1078	GF200:96(6H11):384(2O22)	HUMAN MRNA FOR KIAA0128 GENE, PARTIAL CDS R76772
1079	GF200:96(17G3):384(5M5)	PROTEASE INHIBITOR 2 (ANTI-ELASTASE), MONOCYTE/NEUTROPHIL AA486275
1080	GF200:96(14C2):384(4E4)	CHEMOKINE (C-C MOTIF) RECEPTOR 2 H58254
1081	GF200:96(25D7):384(7G13)	704020 AA279147
1082	GF201:96(82C3):384(9F5)	504536 AA150043
1083	GF200:96(4F7):384(1L13)	INTERCELLULAR ADHESION MOLECULE 5, TELENCEPHALIN R87840
1084	GF200:96(7B7):384(2D14)	HUMAN MRNA FOR KIAA0006 GENE, COMPLETE CDS AA236617
1085	GF201:96(102B7):384(14D13)	PROSTATE CANCER OVEREXPRESSED GENE 1 T64312
1086	GF200:96(24D2):384(6H3)	GLUTAREDOXIN (THIOLTRANSFERASE) AA291163
1087	GF200:96(1G9):384(1M17)	T-CELL RECEPTOR, ALPHA (V,D,J,C) AA427667
1088	GF201:96(95E11):384(13I21)	GRANZYME K (SERINE PROTEASE, GRANZYME 3; TRYPTASE II) AA005382
1089	GF200:96(26C9):384(7E18)	CD79A ANTIGEN (IMMUNOGLOBULIN-ASSOCIATED ALPHA) T87012
1090	GF200:96(14A9):384(4A18)	CD8 ANTIGEN, ALPHA POLYPEPTIDE (P32) AA443649
1091	GF201:96(88D5):384(11G10)	INTERLEUKIN 10 RECEPTOR, ALPHA AA437226
1092	GF200:96(4B3):384(1D5)	INTEGRIN, ALPHA L, CD11A R48796
1093	GF200:96(1G8):384(1M15)	742143 AA406027
1094	GF201:96(98G4):384(13N7)	T-CELL RECEPTOR, BETA CLUSTER N91921
1095	GF201:96(86E4):384(10J7)	80186 T64192
1096	GF201:96(86E3):384(10J5)	T-CELL RECEPTOR, DELTA (V,D,J,C) AA670107
1097	GF201:96(98H4):384(13P7)	ESTS, WEAKLY SIMILAR TO S-ACYL FATTY ACID SUNTHETASE THIO ESTER HYDROLASE, MEDIUM CHAIN [R.NORVEGICUS] AA470066
1098	GF200:96(26B11):384(7C22)	LYMPHOCYTE-SPECIFIC PROTEIN TYROSINE KINASE AA420981
1099	GF201:96(86E6):384(10J11)	CD3D ANTIGEN, DELTA POLYPEPTIDE (TIT3 COMPLEX) AA055946
1100	GF200:96(14B2):384(4C4)	CD3G ANTIGEN, GAMMA POLYPEPTIDE (TIT3 COMPLEX) T66800
1101	GF200:96(22C5):384(6E10)	TRANSCRIPTION FACTOR DP-2 (E2F DIMERIZATION PARTNER 2) AA465444
1102	GF200:96(14D2):384(4G4)	TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 2 AA457114
1103	GF200:96(17C6):384(5E11)	NATURAL KILLER CELL TRANSCRIPT 4 AA458965
1104	GF200:96(14B3):384(4C6)	CD39 ANTIGEN H13577

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1105	GF200:96(14E2):384(4I4)	APOLIPOPROTEIN C-II AA456474
1106	GF200:96(1D6):384(1G11)	TRANSKETOLASE (WERNICKE-KORSAKOFF SYNDROME) AA070357
1107	GF201:96(96B12):384(13C24)	SOLUTE CARRIER FAMILY 26 (SULFATE TRANSPORTER), MEMBER 2 N73101
1108	GF201:96(68A5):384(24A10)	ESTS, WEAKLY SIMILAR TO MBNL PROTEIN [H.SAPIENS] AA460149
1109	GF201:96(80B4):384(9C8)	ATROPHIN-1 INTERACTING PROTEIN 4 AA448286
1110	GF201:96(95A2):384(13A3)	GENERAL TRANSCRIPTION FACTOR IIH, POLYPEPTIDE 3 (34KD SUBUNIT) AA460838
1111	GF200:96(29E10):384(8I19)	ESTS, MODERATELY SIMILAR TO SIMILAR TO THYMIDINE DIPHOSPHOGLUCOSE 4,6-DEHYDRATASE [C.ELEGANS] H63455
1112	GF201:96(67D12):384(24G23)	282047 N48252
1113	GF202:96(114C5):384(16E10)	S-ADENOSYLMETHIONINE DECARBOXYLASE 1 AA425692
1114	GF201:96(98B6):384(13D11)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 3882205) [H.SAPIENS] AA425650
1115	GF202:96(112B7):384(15D13)	593239 AA165348
1116	GF202:96(115A6):384(16B12)	HOMO SAPIENS MRNA; CDNA DKFZP564M2423 (FROM CLONE DKFZP564M2423) AA487070
1117	PEROU:96(7G6):384(20N12)	TUMOR REJECTION ANTIGEN (GP96) 1 AA075290
1118	GF201:96(85F6):384(10L12)	257248 N26906
1119	GF202:96(110D11):384(15G22	133454 R27457
1120	GF201:96(66D11):384(23H21)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4191594) [H.SAPIENS] AA464237
1121	GF200:96(10E6):384(3I12)	MAD (MOTHERS AGAINST DECAPENTAPLEGIC, DROSOPHILA) HOMOLOG 5 AA418999
1122	GF201:96(69C12):384(24F24)	782209 AA431986
1123	GF201:96(98B9):384(13D17)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 3954942) [H.SAPIENS] AA425297
1124	GF200:96(12D5):384(3H9)	GLUCOSAMINE (N-ACETYL)-6-SULFATASE (SANFILIPPO DISEASE IIID) AA035347
1125	GF202:96(116H7):384(16P13)	234977 H73640
1126	GF202:96(112F3):384(15L5)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4530437) [H.SAPIENS] AA457462
1127	GF201:96(57D7):384(21H14)	DCMP DEAMINASE W51951
1128	GF200:96(13F11):384(4K21)	CLATHRIN-ASSOCIATED/ASSEMBLY/ADAPTOR PROTEIN, LARGE, BETA 1 N72918
1129	GF201:96(102D4):384(14H7)	84229 T72825
1130	GF201:96(90F5):384(11L9)	IRON-RESPONSIVE ELEMENT BINDING PROTEIN 2 AA133187
1131	GF202:96(115C2):384(16F4)	CHONDROITIN SULFATE PROTEOGLYCAN 6 (BAMACAN) W40150
1132	GF201:96(97A12):384(13B24)	METHYLENETETRAHYDROFOLATE DEHYDROGENASE (NADP+ DEPENDENT), METHENYLTETRAHYDROFOLATE CYCLOHYDROLASE, FORMYLTETRAHYDROFOLATE SYNTHETASE AA633577
1133	GF201:96(58D11):384(21H21)	CITRATE SYNTHASE N67639
1134	GF201:96(99D6):384(14G11)	CITRATE SYNTHASE AA416759
1135	GF200:96(21F5):384(6K9)	HUMAN TB1 GENE MRNA, 3' END H11501
1136	GF202:96(116G4):384(16N7)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4240269) [H.SAPIENS] AA169411
1137	GF200:96(7F4):384(2L8)	FRAGILE X MENTAL RETARDATION, AUTOSOMAL HOMOLOG 1 N79708
1138	GF201:96(58B5):384(21D9)	SNARE PROTEIN AA457731
1139	GF201:96(57F2):384(21L4)	TRANSCRIPTION FACTOR 12 (HTF4, HELIX-LOOP-HELIX TRANSCRIPTION FACTORS 4) H98856
1140	GF201:96(56E6):384(21I12)	RAS-GTPASE ACTIVATING PROTEIN SH3 DOMAIN-BINDING PROTEIN 2 AA151214

Table 1

1141	GF202:96(114E1):384(16I2)	HOMO SAPIENS HUNTINGTIN-INTERACTING PROTEIN HYPA/FBP11 (HYPA) MRNA, PARTIAL CDS AA412712
1142	GF200:96(31D1):384(8H2)	CHAPERONIN CONTAINING TCP1, SUBUNIT 4 (DELTA) T98684
1143	GF201:96(98B5):384(13D9)	MYOSIN PHOSPHATASE, TARGET SUBUNIT 1 AA487028
1144	GF200:96(3B1):384(1D2)	HUMAN CLONE 23721 MRNA SEQUENCE R45056
1145	GF201:96(79F12):384(9K23)	TRANSCRIPTION FACTOR 6-LIKE 1 (MITOCHONDRIAL TRANSCRIPTION FACTOR 1-LIKE) AA150777
1146	GF201:96(98E4):384(13J7)	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4091980) [H.SAPIENS] H11938
1147	GF200:96(13G12):384(4M23)	CASEIN KINASE 2, ALPHA 1 POLYPEPTIDE T98414
1148	GF201:96(80H3):384(9O6)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] W04674
1149	GF200:96(8B1):384(2D1)	HOMO SAPIENS TRACHEA CELLULAR APOPTOSIS SUSCEPTIBILITY PROTEIN (CSE1) MRNA, COMPLETE CDS N69204
1150	GF202:96(109F8):384(15K15)	HUMAN GLUCOSE TRANSPORTER PSEUDOGENE H03954
1151	GF201:96(55F6):384(21K11)	PROTEIN KINASE, AMP-ACTIVATED, BETA 2 NON-CATALYTIC SUBUNIT N78582
1152	GF201:96(57D11):384(21H22)	HOMO SAPIENS 14-3-3 PROTEIN MRNA, COMPLETE CDS AA609598
1153	GF200:96(10A1):384(3A2)	124781 R01118
1154	GF201:96(87F7):384(11K13)	NUCLEAR TRANSCRIPTION FACTOR Y, ALPHA AA412691
1155	GF200:96(14F8):384(4K16)	195903 R92227
1156	GF201:96(80D8):384(9G16)	DEAD/H (ASP-GLU-ALA-ASP/HIS) BOX POLYPEPTIDE, Y CHROMOSOME AA447588
1157	GF201:96(85F3):384(10L6)	EUKARYOTIC TRANSLATION INITIATION FACTOR 1A, Y CHROMOSOME N92611
1158	GF200:96(10C11):384(3E22)	EUKARYOTIC TRANSLATION INITIATION FACTOR 1A, Y CHROMOSOME AA047039
1159	GF202:96(115D7):384(16H14)	842848 AA486281
1160	GF200:96(7H3):384(2P6)	HUMAN CLONE 23933 MRNA SEQUENCE H56918
1161	GF201:96(98H8):384(13P15)	ATP CITRATE LYASE H08548
1162	GF201:96(85F1):384(10L2)	345743 W72666
1163	PEROU:96(6E10):384(20I20)	MONOCYTE DIFFERENTIATION ANTIGEN CD14 PRECURSOR W87270
1164	GF200:96(5A11):384(2A21)	COMPLEMENT COMPONENT 3A RECEPTOR 1 AA464711
1165	GF201:96(88A10):384(11A20)	CD14 ANTIGEN AA701476
1166	GF200:96(5F5):384(2K9)	INOSITOL 1,4,5-TRIPHOSPHATE RECEPTOR, TYPE 2 AA479093
1167	GF201:96(58D2):384(21H3)	MURINE LEUKEMIA VIRAL (BMI-1) ONCOGENE HOMOLOG T87515
1168	GF200:96(17D5):384(5G9)	MURINE LEUKEMIA VIRAL (BMI-1) ONCOGENE HOMOLOG AA478036
1169	GF201:96(102F3):384(14L5)	46448 H10673
1170	GF201:96(84G8):384(10M16)	ENDOTHELIAL DIFFERENTIATION-RELATED FACTOR 1 N69393
1171	GF201:96(81D1):384(9H2)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] H54263
1172	PEROU:96(4C5):384(19F9)	GDNF FAMILY RECEPTOR ALPHA 1 AA512935
1173	GF200:96(5G7):384(2M13)	PHOSPHOLIPASE C, EPSILON AA411387
1174	GF200:96(5G11):384(2M21)	NEL (CHICKEN)-LIKE 2 H45376
1175	GF201:96(94E12):384(12J23)	HUMAN HEART MRNA FOR HEAT SHOCK PROTEIN 90, PARTIAL CDS H88540
1176	GF202:96(109H11):384(15O21	CALMEGIN AA778675
1177	GF201:96(101A7):384(14B14)	74223 T48412

Table 1

1178	GF201:96(86F4):384(10L7)	ESTS, HIGHLY SIMILAR TO PUTATIVE [H.SAPIENS] AA022561
1179	GF201:96(101B7):384(14D14)	70203 T50083
1180	GF200:96(25F8):384(7K15)	CAPPING PROTEIN (ACTIN FILAMENT), GELSOLIN-LIKE AA486942
1181	GF200:96(24E8):384(6J15)	FORMYL PEPTIDE RECEPTOR 1 AA425249
1182	GF200:96(25G9):384(7M17)	COAGULATION FACTOR XIII, A1 POLYPEPTIDE AA448599
1183	GF200:96(26F10):384(7K20)	TUMOR NECROSIS FACTOR (LIGAND) SUPERFAMILY, MEMBER 10 H54629
1184	GF201:96(62E7):384(22J13)	PIGMENT EPITHELIUM-DERIVED FACTOR AA463946
1185	GF201:96(60B10):384(22C20)	811095 AA485674
1186	PEROU:96(6C4):384(20E8)	B-FACTOR, PROPERDIN H80257
1187	GF201:96(97C2):384(13F4)	B-FACTOR, PROPERDIN AA401441
1188	GF201:96(56A5):384(21A10)	RETINOIC ACID RECEPTOR RESPONDER (TAZAROTENE INDUCED) 3 W47350
1189	GF201:96(90E5):384(11J9)	BONE MARROW STROMAL CELL ANTIGEN 2 AA485371
1190	GF201:96(88C4):384(11E8)	FC FRAGMENT OF IGG, LOW AFFINITY IIB, RECEPTOR FOR (CD32) R68106
1191	GF201:96(88B4):384(11C8)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS I, A AA644657
1192	GF202:96(116F1):384(16L1)	72745 T50661
1193	GF201:96(88A5):384(11A10)	MAJOR HISTOCOMPATIBILITY COMPLEX, CLASS I, C AA464246
1194	GF201:96(88A6):384(11A12)	MACROPHAGE STIMULATING 1 (HEPATOCYTE GROWTH FACTOR-LIKE) T51539
1195	PEROU:96(7F2):384(20L4)	BETA-2-MICROGLOBULIN AI250654
1196	GF201:96(98F10):384(13L19)	INTERFERON-INDUCED PROTEIN 41, 30KD R54613
1197	GF201:96(66D6):384(23H11)	504372 AA142842
1198	GF202:96(113E6):384(16I11)	ESTS, WEAKLY SIMILAR TO NEURONAL THREAD PROTEIN AD7C-NTP [H.SAPIENS] AA099706
1199	GF200:96(32H9):384(8P17)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY SB WARNING ENTRY !!!! [H.SAPIENS] T64956
1200	GF201:96(98A2):384(13B3)	INTERFERON-INDUCED PROTEIN 17 AA058323
1201	GF201:96(88E11):384(11I22)	INTERFERON-INDUCED PROTEIN 17 AA419251
1202	GF201:96(88F10):384(11K20)	361899 AA001376
1203	GF201:96(88F3):384(11K6)	INTERFERON, ALPHA-INDUCIBLE PROTEIN 27 AA157813
1204	GF200:96(10B11):384(3C22)	HYPOTHETICAL PROTEIN, EXPRESSED IN OSTEOBLAST AA410567
1205	GF200:96(4A8):384(1B15)	HUMAN MRNA FOR 56-KDA PROTEIN INDUCED BY INTERFERON AA489743
1206	GF201:96(88E12):384(11I24)	289496 N63988
1207	GF200:96(1F9):384(1K17)	INTERFERON-STIMULATED TRANSCRIPTION FACTOR 3, GAMMA (48KD) AA291577
1208	GF200:96(17C9):384(5E17)	MYXOVIRUS (INFLUENZA) RESISTANCE 1, HOMOLOG OF MURINE (INTERFERON-INDUCIBLE PROTEIN P78) AA456886
1209	GF201:96(88F1):384(11K2)	INTERFERON-STIMULATED PROTEIN, 15 KDA AA406020
1210	PEROU:96(9F6):384(18L12)	INTERFERON-INDUCED 17 KD PROTEIN AA120862
1211	GF200:96(17H9):384(5O17)	INTERFERON, ALPHA-INDUCIBLE PROTEIN (CLONE IFI-6-16) AA448478
1212	GF200:96(26C8):384(7E16)	INTERFERON, ALPHA-INDUCIBLE PROTEIN (CLONE IFI-6-16) AA432030
1213	PEROU:96(9G1):384(18N2)	INTERFERON ALPHA-INDUCIBLE PROTEIN (CLONE IFI-6-16) AA075725
1214	PEROU:96(9G3):384(18N6)	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA AA079495
1215	PEROU:96(7G12):384(20N24)	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA AA076085

Table 1

1216	PEROU:96(9G2):384(18N4)	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA AA076085
1217	GF200:96(15H8):384(4P16)	ESTS, HIGHLY SIMILAR TO SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA [H.SAPIENS] AA486367
1218	GF200:96(15C9):384(4F18)	TRANSPORTER 1, ABC (ATP BINDING CASSETTE) AA487637
1219	GF200:96(23B8):384(6D16)	MHC CLASS I REGION ORF T58146
1220	GF201:96(84C7):384(10E14)	207838 H60298
1221	GF200:96(17H10):384(5O19)	INTERFERON REGULATORY FACTOR 1 AA478043
1222	GF202:96(109B12):384(15C23)	PROTEASOME (PROSOME, MACROPAIN) SUBUNIT, BETA TYPE, 8 (LARGE MULTIFUNCTIONAL PROTEASE 7) AA181300
1223	GF200:96(21D8):384(6G15)	BUTYROPHILIN, SUBFAMILY 3, MEMBER A3 AA478585
1224	GF201:96(92D11):384(12G22)	UBIQUITIN-CONJUGATING ENZYME E2L 6 AA292074
1225	GF200:96(32A10):384(8B19)	144916 R78509
1226	GF200:96(24B9):384(6D17)	MONOKINE INDUCED BY GAMMA INTERFERON AA131406
1227	GF200:96(11D9):384(3H18)	DIUBIQUITIN N49629
1228	GF201:96(63H7):384(23O13)	288807 N62522
1229	GF200:96(9B12):384(3C23)	G PROTEIN-COUPLED RECEPTOR R92239
1230	GF202:96(109G2):384(15M3)	LECTIN, GALACTOSIDE-BINDING, SOLUBLE, 3 BINDING PROTEIN (GALECTIN 6 BINDING PROTEIN) AA485353
1231	PEROU:96(7B2):384(20D4)	GLUTATHIONE S-TRANSFERASE M1 AA232417
1232	PEROU:96(7B1):384(20D2)	GLUTAMATE RECEPTOR, IONOTROPIC, N-METHYL D-ASPARTATE 1 AA351537
1233	GF201:96(96E5):384(13I10)	COLONY STIMULATING FACTOR 1 RECEPTOR, FORMERLY MCDONOUGH FELINE SARCOMA VIRAL (V-FMS) ONCOGENE HOMOLOG AA284954
1234	GF201:96(68B8):384(24C16)	795307 AA454159
1235	GF201:96(87A9):384(11A17)	RECOVERIN AA074224
1236	GF201:96(97C9):384(13F18)	ARYLSULFATASE A H45449
1237	GF200:96(17G5):384(5M9)	SERINE DEHYDRATASE T71363
1238	GF202:96(116F8):384(16L15)	265343 N20862
1239	GF201:96(101D5):384(14H10)	HOMO SAPIENS CLONE 643 UNKNOWN MRNA, COMPLETE SEQUENCE T53404
1240	GF201:96(83H11):384(10O21)	811020 AA485369
1241	GF200:96(25D10):384(7G19)	COLLAGEN, TYPE II, ALPHA 1 (PRIMARY OSTEOARTHRITIS, SPONDYLOEPIPHYSEAL DYSPLASIA, CONGENITAL) N66737
1242	GF201:96(83A8):384(10A15)	490718 AA115761
1243	GF200:96(4F1):384(1L1)	GATA-BINDING PROTEIN 6 H77652
1244	GF201:96(98B8):384(13D15)	ESTS, WEAKLY SIMILAR TO NUCLEAR PROTEIN SA-1 [H.SAPIENS] H17115
1245	GF200:96(12F11):384(3L21)	FOLATE RECEPTOR 1 (ADULT) R24635
1246	GF200:96(26E4):384(7I8)	HUMAN MRNA FOR KIAA0300 GENE, PARTIAL CDS AA405458
1247	GF200:96(9B10):384(3C19)	HUMAN GABA-A RECEPTOR EPSILON SUBUNIT (GABRE) RNA, ALTERNATIVE TRANSCRIPT H63934
1248	GF201:96(92B7):384(12C14)	SMALL INDUCIBLE CYTOKINE SUBFAMILY D (CYS-X3-CYS), MEMBER 1 (FRACTALKINE, NEUROTACTIN) R66139

Table 1

1249	GF201:96(92C8):384(12E16)	HUMAN DNA SEQUENCE FROM PAC 196E23 ON CHROMOSOME XQ26.1-27.2. CONTAINS THE TAT-SF1 (HIV-1 TRANSCRIPTIONAL ELONGATION FACTOR TAT COFACTOR TAT-SF1) GENE, THE BRS3 (BOMBESIN RECEPTOR SUBTYPE-3 (UTERINE BOMBESIN RECEPTOR, BRS-3) GEN AA700322
1250	GF201:96(92B2):384(12C4)	HUMAN DNA-BINDING PROTEIN ABP/ZF MRNA, COMPLETE CDS W88571
1251	GF201:96(95B1):384(13C1)	PHOSPHATIDYLINOSITOL-4-PHOSPHATE 5-KINASE, TYPE I, BETA R39069
1252	GF201:96(94H9):384(12P17)	51406 H18950
1253	GF201:96(55E8):384(21I15)	503051 AA149250
1254	GF201:96(58C8):384(21F15)	FATTY ACID BINDING PROTEIN 7, BRAIN N46862
1255	GF201:96(92H10):384(12O20)	FATTY ACID BINDING PROTEIN 7, BRAIN W72051
1256	GF201:96(99D9):384(14G17)	MACROPHAGE RECEPTOR WITH COLLAGENOUS STRUCTURE AA485867
1257	GF200:96(22G5):384(6M10)	HOMO SAPIENS MRNA FOR CALPAIN-LIKE PROTEASE CANPX AA457330
1258	GF201:96(79C4):384(9E7)	298662 N74313
1259	GF202:96(112C12):384(15F23)	FORKHEAD (DROSOPHILA)-LIKE 7 N22552
1260	GF201:96(82G11):384(9N21)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA459296
1261	GF200:96(19D3):384(5H6)	MEGAKARYOCYTE POTENTIATING FACTOR AA488406
1262	GF200:96(18G9):384(5M18)	PREFERENTIALLY EXPRESSED ANTIGEN OF MELANOMA AA598817
1263	GF200:96(7F7):384(2L14)	EYES ABSENT (DROSOPHILA) HOMOLOG 2 AA402207
1264	GF201:96(55B7):384(21C13)	SYNAPTOGYRIN 1 AA007632
1265	GF200:96(2H9):384(1O18)	PHOSPHOLIPASE C, BETA 4 H22563
1266	GF200:96(4F3):384(1L5)	TRANSCRIPTION FACTOR AP-2 GAMMA (ACTIVATING ENHANCER-BINDING PROTEIN 2 GAMMA) AA399334
1267	GF201:96(88C6):384(11E12)	KERATIN 4 AA629189
1268	GF201:96(66E1):384(23J1)	BONE MORPHOGENETIC PROTEIN 7 (OSTEOGENIC PROTEIN 1) AA029597
1269	GF201:96(97B5):384(13D10)	BONE MORPHOGENETIC PROTEIN 7 (OSTEOGENIC PROTEIN 1) W73473
1270	GF201:96(66H1):384(23P1)	KIAA0626 GENE PRODUCT N62737
1271	GF200:96(26E2):384(7I4)	HUMAN MRNA FOR KIAA0338 GENE, PARTIAL CDS R71689
1272	GF201:96(96F8):384(13K16)	CERULOPLASMIN (FERROXIDASE) H86554
1273	GF200:96(11A1):384(3B2)	HEPATIC LEUKEMIA FACTOR W00959
1274	GF201:96(98A9):384(13B17)	ESTS, WEAKLY SIMILAR TO VERY-LONG-CHAIN ACYL-COA SYNTHETASE [M.MUSCULUS] AA412064
1275	GF200:96(15F5):384(4L10)	SYNDECAN 2 (HEPARAN SULFATE PROTEOGLYCAN 1, CELL SURFACE-ASSOCIATED, FIBROGLYCAN) H64346
1276	GF201:96(79G7):384(9M13)	307050 N89673
1277	GF201:96(55F8):384(21K15)	CELLULAR RETINOIC ACID-BINDING PROTEIN 1 AA454702
1278	GF201:96(96F11):384(13K22)	CELLULAR RETINOIC ACID-BINDING PROTEIN 1 AA421218
1279	GF200:96(16G12):384(4N23)	PHOSPHODIESTERASE 4B, CAMP-SPECIFIC (DUNCE (DROSOPHILA)-HOMOLOG PHOSPHODIESTERASE E4) AA453293
1280	GF201:96(89G6):384(11N12)	S100 CALCIUM-BINDING PROTEIN A1 AA425934
1281	GF201:96(65C5):384(23F10)	SIGNAL TRANSDUCTION PROTEIN (SH3 CONTAINING) AA460282
1282	GF201:96(65B5):384(23D10)	134690 R28267

Table 1

1283	PEROU:96(9E12):384(18J24)	ERYTHROCYTE MEMBRANE PROTEIN BAND 7.2 (STOMATIN) AI224884
1284	GF201:96(67C11):384(24E21)	782669 AA447583
1285	GF201:96(83C9):384(10E17)	416107 W85998
1286	GF201:96(95E4):384(13I7)	DEATH-ASSOCIATED PROTEIN KINASE 1 AA025275
1287	GF202:96(115A9):384(16B18)	773375 AA425723
1288	GF200:96(19C2):384(5F4)	ESTS, HIGHLY SIMILAR TO POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L3 [H.SAPIENS] AA481026
1289	GF201:96(84E10):384(10I20)	416676 W86504
1290	PEROU:96(6F10):384(20K20)	485760 AA039943
1291	PEROU:96(6D3):384(20G6)	290361 N64505
1292	GF201:96(93B4):384(12D8)	GOLGI AUTOANTIGEN, GOLGIN SUBFAMILY A, 3 AA663910
1293	GF201:96(56F12):384(21K24)	ESTS, MODERATELY SIMILAR TO LASP-1 PROTEIN [H.SAPIENS] AA458882
1294	GF201:96(61A12):384(22B24)	795367 AA453271
1295	GF201:96(67D1):384(24G1)	268157 N30152
1296	GF200:96(25G4):384(7M7)	CYSTATIN B (STEFIN B) H22919
1297	GF201:96(101H4):384(14P8)	SUPEROXIDE DISMUTASE 2, MITOCHONDRIAL T61649
1298	GF201:96(86E10):384(10J19)	SUPEROXIDE DISMUTASE 2, MITOCHONDRIAL AA488084
1299	GF201:96(59E10):384(22I19)	309803 N94612
1300	GF200:96(14B8):384(4C16)	CHITINASE 3-LIKE 1 (CARTILAGE GLYCOPROTEIN-39) AA434115
1301	GF201:96(93B6):384(12D12)	EPHB6 AA609284
1302	GF201:96(96F6):384(13K12)	CHITINASE 3-LIKE 2 AA668821
1303	PEROU:96(7C4):384(20F8)	263815 N28486
1304	GF200:96(16D3):384(4H5)	H.SAPIENS MRNA FOR AN ACUTE MYELOID LEUKAEMIA PROTEIN (3917BP) AA425238
1305	GF200:96(14C6):384(4E12)	BILIARY GLYCOPROTEIN AA411757
1306	GF200:96(9A7):384(3A13)	APOPTOSIS INHIBITOR 2 H48706
1307	GF200:96(24F4):384(6L7)	FIBROBLAST GROWTH FACTOR RECEPTOR 2 (BACTERIA-EXPRESSED KINASE, KERATINOCYTE GROWTH FACTOR RECEPTOR, CRANIOFACIAL DYSOSTOSIS 1, CROUZON SYNDROME, PFEIFFER SYNDROME, JACKSON-WEISS SYNDROME) AA443093
1308	GF200:96(12G5):384(3N9)	FIBROBLAST GROWTH FACTOR RECEPTOR 2 (BACTERIA-EXPRESSED KINASE, KERATINOCYTE GROWTH FACTOR RECEPTOR, CRANIOFACIAL DYSOSTOSIS 1, CROUZON SYNDROME, PFEIFFER SYNDROME, JACKSON-WEISS SYNDROME) AA456160
1309	GF200:96(10B2):384(3C4)	IMMUNOGLOBULIN SUPERFAMILY CONTAINING LEUCINE-RICH REPEAT H62387
1310	GF202:96(116B10):384(16D19	ESTS, WEAKLY SIMILAR TO KIAA0631 PROTEIN [H.SAPIENS] AA497001
1311	PEROU:96(4D3):384(19H5)	CYTOCHROME P450, SUBFAMILY I (DIOXIN-INDUCIBLE), POLYPEPTIDE 1 (GLAUCOMA 3, PRIMARY INFANTILE) AA029776
1312	GF200:96(25C2):384(7E3)	CYTOCHROME P450, SUBFAMILY I (DIOXIN-INDUCIBLE), POLYPEPTIDE 1 (GLAUCOMA 3, PRIMARY INFANTILE) AA448157
1313	GF201:96(83A9):384(10A17)	306420 N92699
1314	GF200:96(4E5):384(1J9)	POTASSIUM CHANNEL, SUBFAMILY K, MEMBER 1 (TWIK-1) N62620

1315	GF201:96(83H3):384(10O5)	KYNURENINE 3-MONOOXYGENASE (KYNURENINE 3-HYDROXYLASE) AA152183
1316	GF201:96(58F9):384(21L17)	UNTITLED R16098
1317	GF201:96(86H1):384(10P1)	S100 CALCIUM-BINDING PROTEIN A8 (CALGRANULIN A) AA086471
1318	GF201:96(86G1):384(10N1)	ESTS, HIGHLY SIMILAR TO STAT4 [M.MUSCULUS] R91570
1319	GF201:96(87F3):384(11K5)	OROSOMUCOID 1 AA700876
1320	GF201:96(95C5):384(13E9)	ACID SPHINGOMYELINASE-LIKE PHOSPHODIESTERASE AA676836
1321	GF201:96(91E7):384(12I13)	TOLL-LIKE RECEPTOR 2 T57791
1322	GF200:96(5B4):384(2C7)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, K R79082
1323	GF201:96(90B8):384(11D15)	KIAA0173 GENE PRODUCT AA682815
1324	GF201:96(87G1):384(11M1)	TRANSMEMBRANE GLYCOPROTEIN AA425450
1325	GF201:96(101B9):384(14D18)	77193 T50121
1326	GF200:96(30G3):384(8M6)	122982 R00332
1327	GF201:96(56C8):384(21E16)	268960 N24645
1328	GF200:96(12E7):384(3J13)	HUMAN GLUCOSE TRANSPORTER-LIKE PROTEIN-III (GLUT3), COMPLETE CDS AA406551
1329	GF200:96(24G12):384(6N23)	ETS VARIANT GENE 5 (ETS-RELATED MOLECULE) AA463830
1330	GF200:96(24G1):384(6N1)	HUMAN CLONE 23933 MRNA SEQUENCE H56918
1331	GF201:96(97E2):384(13J4)	ALDEHYDE DEHYDROGENASE 7 N93686
1332	GF201:96(96D1):384(13G2)	CYTOCHROME P450, SUBFAMILY XXVIIA (STEROID 27-HYDROXYLASE, CEREBROTENDINOUS XANTHOMATOSIS), POLYPEPTIDE 1 N66957
1333	GF201:96(66C11):384(23F21)	343400 W67199
1334	GF200:96(4C9):384(1F17)	GUANYLATE BINDING PROTEIN 2, INTERFERON-INDUCIBLE W77927
1335	PEROU:96(8B6):384(20D11)	TUMOR PROTEIN P53 (LI-FRAUMENI SYNDROME) H62385
1336	PEROU:96(10E10):384(18J19)	P53-ALU U94788
1337	GF201:96(80F3):384(9K6)	321488 W32509
1338	GF200:96(5D6):384(2G11)	LIVER X RECEPTOR, ALPHA H61935
1339	GF202:96(116E9):384(16J17)	ESTS, MODERATELY SIMILAR TO (DEFLINE NOT AVAILABLE 4105275) [H.SAPIENS] T60160
1340	GF201:96(102H8):384(14P15)	46180 H09105
1341	GF201:96(88B5):384(11C10)	MALIC ENZYME 1, SOLUBLE AA669689
1342	GF200:96(24D1):384(6H1)	GLUTATHIONE S-TRANSFERASE A2 T73468
1343	GF200:96(28B5):384(7D9)	EST, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] W47077
1344	GF202:96(112B10):384(15D19	510736 AA099748
1345	GF200:96(14D10):384(4G20)	ARACHIDONATE 5-LIPOXYGENASE H51574
1346	GF200:96(32G3):384(8N5)	ESTS, HIGHLY SIMILAR TO AQUAPORIN 3 [H.SAPIENS] R91904
1347	GF201:96(99B8):384(14C15)	PARAOXONASE 3 T57069
1348	GF200:96(26G9):384(7M18)	PARAOXONASE 3 R95740
1349	GF202:96(109A3):384(15A5)	UDP GLYCOSYLTRANSFERASE 2 FAMILY, POLYPEPTIDE B4 N53031
1350	GF201:96(95G5):384(13M9)	GAP JUNCTION PROTEIN, BETA 1, 32KD (CONNEXIN 32, CHARCOT-MARIE-TOOTH NEUROPATHY, X-LINKED) N62394
1351	GF200:96(3D6):384(1H12)	DIAPHORASE (NADH/NADPH) (CYTOCHROME B-5 REDUCTASE) AA455538

1352	GF200:96(13D4):384(4G7)	CYTOCHROME B-5 R92281
1353	GF201:96(81B5):384(9D10)	268258 N30006
1354	GF201:96(66H8):384(23P15)	504678 AA142942
1355	GF201:96(81D9):384(9H18)	HOMO SAPIENS MRNA; CDNA DKFZP564J142 (FROM CLONE DKFZP564J142) N75017
1356	PEROU:96(9F3):384(18L6)	299664 N75017
1357	GF201:96(91H4):384(12O7)	KYNURENINASE; L-KYNURENINE HYDROLASE H87471
1358	GF200:96(18B9):384(5C18)	TRYPTOPHAN 2,3-DIOXYGENASE T72422
1359	GF201:96(66H6):384(23P11)	810901 AA459293
1360	GF201:96(96E2):384(13I4)	ZA {REGION BETWEEN EXONS 35 AND 36 OF THE COMPLEMENT COMPONENT C4 GE} [HUMAN, FETAL ADRENAL GLAND, MRNA, 830 NT] AA664406
1361	GF201:96(91E8):384(12I15)	TRANSFORMING GROWTH FACTOR BETA-STIMULATED PROTEIN TSC-22 AA664389
1362	GF200:96(14H3):384(4O6)	ACTIVATED LEUCOCYTE CELL ADHESION MOLECULE R13558
1363	PEROU:96(7D3):384(20H6)	2338271 AI912047
1364	PEROU:96(7D4):384(20H8)	1944078 AI201945
1365	GF200:96(4B7):384(1D13)	ESTS, HIGHLY SIMILAR TO INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 2 PRECURSOR [H.SAPIENS] H79047
1366	GF200:96(29A2):384(8A3)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] W20275
1367	GF201:96(80D11):384(9G22)	809503 AA454562
1368	GF201:96(87E10):384(11I19)	SILVER (MOUSE HOMOLOG) LIKE N67770
1369	GF200:96(7G1):384(2N2)	DYSTROBREVIN, ALPHA H09172
1370	GF201:96(92C12):384(12E24)	MYELOID/LYMPHOID OR MIXED-LINEAGE LEUKEMIA (TRITHORAX (DROSOPHILA) HOMOLOG); TRANSLOCATED TO, 4 N26539
1371	GF201:96(85B6):384(10D12)	359597 AA010818
1372	GF201:96(59A12):384(22A23)	364555 AA022601
1373	GF201:96(99H10):384(14O19)	47428 H11088
1374	GF201:96(83E6):384(10I11)	503602 AA131299
1375	GF202:96(112A1):384(15B1)	261194 H98215
1376	GF202:96(115G7):384(16N14)	ESTS, WEAKLY SIMILAR TO GTP-BINDING PROTEIN RAB2 [H.SAPIENS] AA156821
1377	GF201:96(81G1):384(9N2)	282868 N50152
1378	GF201:96(97D8):384(13H16)	ANKYRIN 3, NODE OF RANVIER (ANKYRIN G) AA677185
1379	PEROU:96(8D3):384(20H5)	364209 AA021558
1380	GF200:96(8D1):384(2H1)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] H59915
1381	GF201:96(101G12):384(14N24	81316 T60061
1382	GF201:96(89F3):384(11L6)	SEMA DOMAIN, IMMUNOGLOBULIN DOMAIN (IG), SHORT BASIC DOMAIN, SECRETED, (SEMAPHORIN) 3C AA042990
1383	GF200:96(4E1):384(1J1)	ENDOTHELIAL KRUPPEL-LIKE ZINC FINGER PROTEIN H45711
1384	GF201:96(90G4):384(11N7)	ESTS, MODERATELY SIMILAR TO (DEFLINE NOT AVAILABLE 4159884) [H.SAPIENS] AA001222
1385	GF200:96(26E12):384(7I24)	DESMOCOLLIN 2 AA074677
1386	GF201:96(69E2):384(24J4)	321902 W37448

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1387	GF201:96(79D8):384(9G15)	KERATIN 13 W60057
1388	GF200:96(4A3):384(1B5)	KERATIN 13 W23757
1389	GF201:96(65B11):384(23D22)	134011 R31262
1390	GF200:96(19A4):384(5B8)	49630 H29256
1391	GF200:96(15A9):384(4B18)	VITAMIN D (1,25- DIHYDROXYVITAMIN D3) RECEPTOR AA485226
1392	GF201:96(86E8):384(10J15)	SYNDECAN 1 AA074511
1393	GF201:96(80D12):384(9G24)	SEMA DOMAIN, IMMUNOGLOBULIN DOMAIN (IG), SHORT BASIC DOMAIN, SECRETED, (SEMAPHORIN) 3F AA454570
1394	GF200:96(16D9):384(4H17)	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, F AA598513
1395	GF200:96(12A10):384(3B19)	BUTYRATE RESPONSE FACTOR 1 (EGF-RESPONSE FACTOR 1) AA424743
1396	GF200:96(3F12):384(1L24)	ANTHRACYCLINE RESISTANCE-ASSOCIATED AA495766
1397	GF200:96(3E12):384(1J24)	MEMBRANE COMPONENT, CHROMOSOME 1, SURFACE MARKER 1 (40KD GLYCOPROTEIN, IDENTIFIED BY MONOCLONAL ANTIBODY GA733) AA454810
1398	GF200:96(19B4):384(5D8)	KERATIN 7 AA489569
1399	GF200:96(24B10):384(6D19)	813520 AA455591
1400	GF201:96(101C9):384(14F18)	HOMO SAPIENS MRNA; CDNA DKFZP586B2022 (FROM CLONE DKFZP586B2022) T52325
1401	GF202:96(115A1):384(16B2)	HOMO SAPIENS AGRIN PRECURSOR MRNA, PARTIAL CDS AA458878
1402	GF202:96(112E8):384(15J15)	ESTS, WEAKLY SIMILAR TO KIAA0319 [H.SAPIENS] AA136133
1403	GF200:96(14E5):384(4I10)	ANTIQUITIN 1 AA101299
1404	GF200:96(26H9):384(7O18)	HEXOKINASE 1 AA485272
1405	GF200:96(23B12):384(6D24)	HEXOKINASE 1 AA485271
1406	GF201:96(90F1):384(11L1)	LADININ 1 T97710
1407	GF200:96(26B1):384(7C2)	H.SAPIENS MRNA FOR RECEPTOR TYROSINE KINASE EPH (PARTIAL) N90246
1408	GF200:96(12A11):384(3B21)	144834 R77251
1409	GF200:96(19B1):384(5D2)	CREATINE KINASE, MITOCHONDRIAL 1 (UBIQUITOUS) AA019482
1410	PEROU:96(7B6):384(20D12)	364302 AA022462
1411	PEROU:96(7B4):384(20D8)	176461 H43515
1412	PEROU:96(10A7):384(18B13)	RECEPTOR PROTEIN-TYROSINE KINASE EDDR1 H41900
1413	GF201:96(64C8):384(23E16)	HOMO SAPIENS MRNA FOR INOSITOL 1,4,5-TRISPHOSPHATE 3-KINASE ISOENZYME, PARTIAL CDS N46828
1414	GF201:96(92G5):384(12M10)	PLEXIN 5 AA496565
1415	GF200:96(1H6):384(1O11)	810873 AA459197
1416	GF201:96(61A4):384(22B8)	504225 AA131934
1417	GF201:96(89H12):384(11P24)	SNF2-RELATED CBP ACTIVATOR PROTEIN AA419088
1418	GF200:96(11G1):384(3N2)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] H97778
1419	GF201:96(82H3):384(9P5)	ESTS, WEAKLY SIMILAR TO KIAA0281 [H.SAPIENS] N54395
1420	GF201:96(102D2):384(14H3)	85804 T72068
1421	GF200:96(17H1):384(5O1)	JUNCTION PLAKOGLOBIN R06417
1422	GF201:96(92B9):384(12C18)	CDP-DIACYLGLYCEROL SYNTHASE (PHOSPHATIDATE CYTIDYLYLTRANSFERASE) 1 R31562

1423	GF201:96(92F3):384(12K6)	PROLINE-RICH GLA (G-CARBOXGLUTAMIC ACID) POLYPEPTIDE 2 AA430552
1424	GF201:96(56A6):384(21A12)	HUMAN DNA SEQUENCE FROM PAC 127B20 ON CHROMOSOME 22Q11.2-QTER, CONTAINS GENE FOR GTPASE-ACTIVATING PROTEIN SIMILAR TO RHOGAP PROTEIN. RIBOSOMAL PROTEIN L6 PSEUDOGENE, ESTS AND CA REPEAT AA037410
1425	GF200:96(21F9):384(6K17)	ESTS, WEAKLY SIMILAR TO LOW-DENSITY LIPOPROTEIN RECEPTOR-RELATED PROTEIN 1 PRECURSOR [H.SAPIENS] AA489246
1426	PEROU:96(9D8):384(18H16)	416386 W86859
1427	PEROU:96(10C10):384(18F19)	PLACENTAL BIKUNIN (KUNITZ-TYPE SERINE PROTEASE INHIBITOR) AA031287
1428	GF200:96(21G6):384(6M11)	SERINE PROTEASE INHIBITOR, KUNITZ TYPE, 2 AA459039
1429	PEROU:96(9E1):384(18J2)	HUMAN PLACENTAL BIKUNIN MRNA COMPLETE CDS AA031287
1430	GF201:96(67D3):384(24G5)	810728 AA457707
1431	GF200:96(30H5):384(8O10)	HOMO SAPIENS MRNA; CDNA DKFZP586F1318 (FROM CLONE DKFZP586F1318) T77847
1432	PEROU:96(9A6):384(18B12)	147447 R81173
1433	GF201:96(82D9):384(9H17)	365517 AA009593
1434	GF201:96(66C9):384(23F17)	HOMO SAPIENS MRNA; CDNA DKFZP586F1223 (FROM CLONE DKFZP586F1223) N59219
1435	PEROU:96(9B9):384(18D18)	281745 N51744
1436	GF201:96(97A9):384(13B18)	CALPAIN, LARGE POLYPEPTIDE L1 H15456
1437	GF201:96(97G1):384(13N2)	GLUCOSIDASE, ALPHA; ACID (POMPE DISEASE, GLYCOGEN STORAGE DISEASE TYPE II) AA444009
1438	GF200:96(31G9):384(8N18)	ESTS, HIGHLY SIMILAR TO HYPOTHETICAL PROTEIN B, 6.8K [H.SAPIENS] R63543
1439	GF201:96(57C10):384(21F20)	PUTATIVE PROSTATE CANCER TUMOR SUPPRESSOR H13424
1440	GF201:96(100A2):384(14A4)	HOMO SAPIENS MRNA; CDNA DKFZP564P0622 (FROM CLONE DKFZP564P0622) H15385
1441	GF200:96(18E6):384(5I12)	SIALYLTRANSFERASE AA497051
1442	GF200:96(4G10):384(1N19)	SIALYLTRANSFERASE AA497051
1443	GF200:96(6D8):384(2G16)	EGF-LIKE-DOMAIN, MULTIPLE 2 H39187
1444	GF201:96(79B12):384(9C23)	284355 N52136
1445	GF201:96(90F4):384(11L7)	IROQUOIS-CLASS HOMEODOMAIN PROTEIN R46202
1446	PEROU:96(5D7):384(20G13)	BHD-2
1447	PEROU:96(8A9):384(20B17)	ESTS, HIGHLY SIMILAR TO IROQUOIS-CLASS HOMEODOMAIN PROTEIN IRX-1 [H.SAPIENS] R55185
1448	PEROU:96(9A7):384(18B14)	154654 R55184
1449	GF200:96(31C8):384(8F16)	137387 R38133
1450	GF202:96(114A4):384(16A8)	ESTS, MODERATELY SIMILAR TO MYSOIN HEAVY CHAIN 12 [H.SAPIENS] AA401349
1451	GF201:96(95A7):384(13A13)	148225 H13688
1452	GF200:96(26G6):384(7M12)	SOLUTE CARRIER FAMILY 2 (FACILITATED GLUCOSE TRANSPORTER), MEMBER 1 H58873
1453	GF201:96(88F4):384(11K8)	SOLUTE CARRIER FAMILY 7 (CATIONIC AMINO ACID TRANSPORTER, Y+ SYSTEM), MEMBER 5 AA419177
1454	GF201:96(97D6):384(13H12)	HOMO SAPIENS CLONE 24551 MRNA SEQUENCE AA630794
1455	GF200:96(32A5):384(8B9)	DISCS, LARGE (DROSOPHILA) HOMOLOG 5 T77840
1456	GF200:96(16D7):384(4H13)	MACROPHAGE STIMULATING 1 RECEPTOR (C-MET-RELATED TYROSINE KINASE) AA173453
1457	GF200:96(5H8):384(2O15)	S100 CALCIUM-BINDING PROTEIN A11 (CALGIZZARIN) AA464731

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1458	PEROU:96(9C2):384(18F4)	306136 N91023
1459	GF201:96(57B10):384(21D20)	MEMBRANE PROTEIN, PALMITOYLATED 3 (MAGUK P55 SUBFAMILY MEMBER 3) W44685
1460	GF200:96(19B3):384(5D6)	A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 15 (METARGIDIN) AA292676
1461	GF200:96(12E4):384(3J7)	MICROSOMAL GLUTATHIONE S-TRANSFERASE 1 AA495936
1462	GF201:96(94A5):384(12B9)	KIAA0429 GENE PRODUCT AA676805
1463	PEROU:96(7C11):384(20F22)	KARYOPHERIN ALPHA 4 (IMPORTIN ALPHA 3) AI378946
1464	GF201:96(79C1):384(9E1)	277134 N40917
1465	GF201:96(60A12):384(22A24)	795832 AA461497
1466	GF201:96(86B6):384(10D11)	VASOACTIVE INTESTINAL PEPTIDE RECEPTOR 1 H73241
1467	GF201:96(89G7):384(11N14)	INTER-ALPHA (GLOBULIN) INHIBITOR H4 (PLASMA KALLIKREIN-SENSITIVE GLYCOPROTEIN) N73625
1468	PEROU:96(2D8):384(19G16)	SYNUCLEIN, GAMMA (BREAST CANCER-SPECIFIC PROTEIN 1) AA293803
1469	GF201:96(91D3):384(12G5)	ADIPOSE SPECIFIC 2 AA478298
1470	GF201:96(87H2):384(11O3)	MONOAMINE OXIDASE A AA011096
1471	GF202:96(109G3):384(15M5)	HOMO SAPIENS CLONE 23698 MRNA SEQUENCE AA680300
1472	GF200:96(12C7):384(3F13)	GLUTATHIONE S-TRANSFERASE THETA 2 AA490777
1473	GF201:96(89G11):384(11N22)	MYOSIN VI AA625890
1474	GF200:96(29E4):384(8I7)	470216 AA028987
1475	GF202:96(110B3):384(15C6)	S100 CALCIUM-BINDING PROTEIN A13 AA070489
1476	GF200:96(12A2):384(3B3)	LUTHERAN BLOOD GROUP (AUBERGER B ANTIGEN INCLUDED) H24954
1477	GF200:96(25C5):384(7E9)	CYCLIN D1 (PRAD1: PARATHYROID ADENOMATOSIS 1) AA487700
1478	GF200:96(25D3):384(7G5)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] AA598478
1479	GF200:96(25C3):384(7E5)	CYSTATIN C (AMYLOID ANGIOPATHY AND CEREBRAL HEMORRHAGE) AA599177
1480	GF201:96(82F1):384(9L1)	487831 AA045083
1481	GF201:96(94H3):384(12P5)	H.SAPIENS MRNA FOR MYOSIN-I BETA AA485871
1482	PEROU:96(8B11):384(20D21)	INTEGRIN, BETA 5 N29501
1483	GF201:96(65D7):384(23H14)	782547 AA431796
1484	GF200:96(28F5):384(7L9)	HOMO SAPIENS MRNA; CDNA DKFZP564E1616 (FROM CLONE DKFZP564E1616) H26176
1485	GF201:96(96A8):384(13A16)	ENDOTHELIN 1 H11003
1486	GF201:96(58G10):384(21N19)	SERUM-INDUCIBLE KINASE AA460152
1487	GF201:96(64F12):384(23K24)	795378 AA453495
1488	GF201:96(64F4):384(23K8)	138130 R53797
1489	GF201:96(97B1):384(13D2)	WASP FAMILY VERPROLIN-HOMOLOGOUS PROTEIN 3 AA629542
1490	GF200:96(23D5):384(6H10)	5-HYDROXYTRYPTAMINE (SEROTONIN) RECEPTOR 2A R55130
1491	GF200:96(14A8):384(4A16)	CD9 ANTIGEN (P24) AA412053
1492	GF200:96(8H11):384(2P21)	PROTEIN KINASE MITOGEN-ACTIVATED 10 (MAP KINASE) T75436
1493	GF201:96(88E6):384(11I12)	INOSITOL 1,4,5-TRIPHOSPHATE RECEPTOR, TYPE 3 AA701976
1494	GF201:96(58H10):384(21P19)	809824 AA455519
1495	PEROU:96(6G5):384(20M10)	510165 AA053251

Table 1

1496	GF200:96(1H7):384(1O13)	SOLUTE CARRIER FAMILY 9 (SODIUM/HYDROGEN EXCHANGER), ISOFORM 1 (ANTIPORTER, NA+/H+, AMILORIDE SENSITIVE) AA455369
1497	GF200:96(7H9):384(2P18)	HUMAN CLONE 23815 MRNA SEQUENCE AA424516
1498	GF200:96(22F9):384(6K18)	FILAMIN B, BETA (ACTIN-BINDING PROTEIN-278) AA486238
1499	GF200:96(27C3):384(7F6)	ESTS, WEAKLY SIMILAR TO OXYSTEROL-BINDING PROTEIN [H.SAPIENS] R31395
1500	GF200:96(25F1):384(7K1)	CATHEPSIN H AA487346
1501	GF202:96(110G8):384(15M16)	HOMO SAPIENS CHROMOSOME 16 BAC CLONE CIT987SK-A-575C2 T64469
1502	GF201:96(68D5):384(24G10)	415229 W91879
1503	GF201:96(95E10):384(13I19)	GUANINE NUCLEOTIDE BINDING PROTEIN (G PROTEIN), ALPHA 15 (GQ CLASS) T99303
1504	GF201:96(83A5):384(10A9)	141726 R69584
1505	PEROU:96(3D8):384(19H16)	MATRIX GLA PROTEIN AA081250
1506	GF201:96(87H12):384(11O23)	MATRIX GLA PROTEIN AA155913
1507	GF201:96(93D9):384(12H18)	CREATINE TRANSPORTER [HUMAN, BRAINSTEM/SPINAL CORD, MRNA, 2283 NT] AA292226
1508	GF200:96(13F10):384(4K19)	CLUSTERIN (COMPLEMENT LYSIS INHIBITOR, SP-40,40, SULFATED GLYCOPROTEIN 2, TESTOSTERONE-REPRESSED PROSTATE MESSAGE 2, APOLIPOPROTEIN J) AA130017
1509	GF201:96(57H10):384(21P20)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4106368) [D.MELANOGASTER] AA454554
1510	GF201:96(102A11):384(14B21	79576 T62849
1511	GF202:96(112G6):384(15N11)	ESTS, HIGHLY SIMILAR TO UNKNOWN [H.SAPIENS] AA046023
1512	GF201:96(92E11):384(12I22)	PROTEIN PHOSPHATASE 1D MAGNESIUM-DEPENDENT, DELTA ISOFORM N33955
1513	GF201:96(56G1):384(21M2)	AMYLOID BETA PRECURSOR PROTEIN (CYTOPLASMIC TAIL)-BINDING PROTEIN 2 AA431206
1514	GF201:96(102B5):384(14D9)	RAD51 (S. CEREVISIAE) HOMOLOG C T64150
1515	GF200:96(28E10):384(7J19)	ESTS, WEAKLY SIMILAR TO HSP 27 [H.SAPIENS] H57494
1516	PEROU:96(10B11):384(18D21)	ESTS WEAKLY SIMILAR TO HEAT SHOCK 27 KD PROTEIN [H.SAPIENS] AA010110
1517	GF201:96(88A7):384(11A14)	MYOGLOBIN AA176581
1518	PEROU:96(6D12):384(20G24)	325165 W49759
1519	GF201:96(61B7):384(22D14)	283634 N52878
1520	GF202:96(114E5):384(16I10)	509462 AA056377
1521	GF201:96(99F11):384(14K21)	47264 H10713
1522	GF201:96(98A3):384(13B5)	UNCOUPLING PROTEIN 2 (MITOCHONDRIAL, PROTON CARRIER) H61243
1523	GF201:96(102D5):384(14H9)	84419 T73780
1524	GF201:96(64D5):384(23G10)	488431 AA047441
1525	GF201:96(93E11):384(12J22)	79935 T61475
1526	GF200:96(4C1):384(1F1)	INHIBITOR OF DNA BINDING 2, DOMINANT NEGATIVE HELIX-LOOP-HELIX PROTEIN H82706
1527	PEROU:96(2G10):384(19M20)	TREFOIL FACTOR 1 (BREAST CANCER, ESTROGEN-INDUCIBLE SEQUENCE EXPRESSED IN) R83818
1528	GF200:96(17B11):384(5C21)	33045 R19478
1529	GF201:96(61B10):384(22D20)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] R05293
1530	GF202:96(115E9):384(16J18)	ATPASE, H+ TRANSPORTING, LYSOSOMAL (VACUOLAR PROTON PUMP), MEMBER J AA608567
1531	GF202:96(109D6):384(15G11)	CALCIUM CHANNEL, VOLTAGE-DEPENDENT, BETA 3 SUBUNIT R36947
1532	GF201:96(80A6):384(9A12)	809789 AA454756

Table 1

1533	GF201:96(97G3):384(13N6)	H.SAPIENS MRNA FOR TYROSINE KINASE RECEPTOR H15718
1534	GF202:96(111C4):384(15F8)	730439 AA469975
1535	GF201:96(95B2):384(13C3)	49351 H15445
1536	GF202:96(114A6):384(16A12)	ESTS, WEAKLY SIMILAR TO MEMBRANE GLYCOPROTEIN [M.MUSCULUS] AA159578
1537	GF201:96(99G1):384(14M1)	81449 T63490
1538	GF201:96(101C12):384(14F24)	71863 T52564
1539	GF201:96(101B12):384(14D24	71863 T51290
1540	GF201:96(101B11):384(14D22	71863 T51229
1541	GF201:96(61A3):384(22B6)	417081 W87826
1542	GF201:96(68E2):384(24I4)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4929751) [H.SAPIENS] AA004846
1543	GF201:96(64D4):384(23G8)	HOMO SAPIENS MRNA; CDNA DKFZP586J2118 (FROM CLONE DKFZP586J2118) R98407
1544	PEROU:96(8C4):384(20F7)	297604 N69835
1545	PEROU:96(9C1):384(18F2)	297604 N69835
1546	GF201:96(87E9):384(11I17)	DNA SEGMENT, SINGLE COPY PROBE LNS-CAI/LNS-CAII (DELETED IN POLYPOSIS H99681
1547	PEROU:96(3D1):384(19H2)	ESTROGEN RECEPTOR 1 AA164586
1548	GF201:96(62F10):384(22L19)	275798 R93185
1549	GF200:96(22E5):384(6I10)	TUMOR PROTEIN D52 AA459318
1550	GF200:96(9D4):384(3G7)	HUMAN D9 SPLICE VARIANT B MRNA, COMPLETE CDS AA453832
1551	PEROU:96(10E1):384(18J1)	MAJOR GASTROINTESTINAL TUMOR-ASSOCIATED PROTEIN GA733-2 PRECURSOR AA055808
1552	GF201:96(89H5):384(11P10)	KIAA0351 GENE PRODUCT AA402863
1553	GF201:96(91F7):384(12K13)	RAB2, MEMBER RAS ONCOGENE FAMILY-LIKE AA401972
1554	PEROU:96(8C5):384(20F9)	NEBULETTE N77806
1555	GF200:96(27B8):384(7D16)	ESTS, WEAKLY SIMILAR TO UNKNOWN [H.SAPIENS] R01499
1556	PEROU:96(8F1):384(20L1)	486828 AA042878
1557	PEROU:96(9E6):384(18J12)	486828 AA042878
1558	PEROU:96(10A2):384(18B3)	XMP T84249
1559	GF201:96(91E4):384(12I7)	EPITHELIAL MEMBRANE PROTEIN 2 T88721
1560	GF200:96(17G6):384(5M11)	KERATIN 8 AA598517
1561	GF202:96(160G7):384(17N13)	44292 H06273
1562	PEROU:96(3B1):384(19D2)	KERATIN 18 AA070385
1563	GF201:96(88C7):384(11E14)	KERATIN 18 AA664179
1564	GF201:96(93D3):384(12H6)	CLAUDIN 4 AA430665
1565	PEROU:96(9E9):384(18J18)	HCPE-R MRNA FOR CPE-RECEPTOR AA506754
1566	PEROU:96(9C7):384(18F14)	HCPE-R MRNA FOR CPE-RECEPTOR W74492
1567	GF200:96(10C10):384(3E20)	HOMO SAPIENS EPITHELIAL-SPECIFIC TRANSCRIPTION FACTOR ESE-1A (ESE-1) MRNA, COMPLETE CDS AA433851
1568	PEROU:96(10A5):384(18B9)	EPITHELIAL-SPECIFIC TRANSCRIPTION FACTOR ESE-1B (ESE-1) MRNA COMPLETE CDS H27938
1569	GF200:96(17G8):384(5M15)	SERINE PROTEASE INHIBITOR, KUNITZ TYPE 1 AA464250
1570	GF200:96(15C11):384(4F22)	TRANSFORMING GROWTH FACTOR, BETA 3 AA040617

Table 1

1571	PEROU:96(9E5):384(18J10)	TRANSFORMING GROWTH FACTOR BETA 3 AA040616
1572	PEROU:96(10D5):384(18H9)	TRANSFORMING GROWTH FACTOR BETA 3 AA040616
1573	GF200:96(17F2):384(5K3)	LYSOSOMAL-ASSOCIATED MEMBRANE PROTEIN 1 H29077
1574	GF201:96(55A5):384(21A9)	ISLET CELL AUTOANTIGEN 1 (69KD) AA491302
1575	GF201:96(102A9):384(14B17)	ESTS, MODERATELY SIMILAR TO K02E10.2 [C.ELEGANS] T62552
1576	GF201:96(102B10):384(14D19	82869 T69270
1577	GF202:96(109D11):384(15G21	SELENIUM BINDING PROTEIN 1 T65736
1578	GF202:96(116D8):384(16H15)	HOMO SAPIENS MRNA FOR HYPOTHETICAL PROTEIN AA487488
1579	GF201:96(87B9):384(11C17)	PROLACTIN RECEPTOR R63647
1580	PEROU:96(8C7):384(20F13)	321658 W32933
1581	PEROU:96(9C3):384(18F6)	321658 W32933
1582	PEROU:96(8B3):384(20D5)	202658 H53479
1583	PEROU:96(9B3):384(18D6)	202658 H53479
1584	GF201:96(56H9):384(21O18)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] AA464739
1585	GF201:96(94D9):384(12H17)	197520 H52110
1586	PEROU:96(8E8):384(20J15)	KIAA0182 AA037466
1587	GF200:96(6G9):384(2M18)	HUMAN MRNA FOR KIAA0182 GENE, PARTIAL CDS H05563
1588	GF201:96(93D5):384(12H10)	SOLUTE CARRIER FAMILY 9 (SODIUM/HYDROGEN EXCHANGER), ISOFORM 3 REGULATORY FACTOR 1 AA425299
1589	PEROU:96(8B2):384(20D3)	179211 H50224
1590	PEROU:96(9B2):384(18D4)	179211 H50224
1591	GF201:96(95H4):384(13O7)	FRUCTOSE-BISPHOSPHATASE 1 AA699427
1592	GF201:96(90H7):384(11P13)	HUMAN ENDOGENOUS RETROVIRUS ENVELOPE REGION MRNA (PL1) AA701655
1593	GF201:96(82C9):384(9F17)	X-BOX BINDING PROTEIN 1 W90128
1594	PEROU:96(7F6):384(20L12)	HEPATOCYTE NUCLEAR FACTOR 3, ALPHA T74639
1595	GF200:96(12E12):384(3J23)	GATA-BINDING PROTEIN 3 H72474
1596	PEROU:96(6A11):384(20A22)	GATA-BINDING PROTEIN 3 R31442
1597	PEROU:96(9A4):384(18B8)	GATA-BINDING PROTEIN 3 R31441
1598	GF200:96(12F12):384(3L23)	GATA-BINDING PROTEIN 3 AA058828
1599	PEROU:96(4D8):384(19H15)	ESTROGEN RECEPTOR 1 AA291702
1600	GF201:96(96A7):384(13A14)	ESTROGEN RECEPTOR 1 AA291749
1601	PEROU:96(8B8):384(20D15)	ANNEXIN XXXI N76688
1602	PEROU:96(9B5):384(18D10)	ANNEXIN XXXI N76688
1603	GF201:96(57B11):384(21D22)	HOMO SAPIENS MRNA; CDNA DKFZP434A091 (FROM CLONE DKFZP434A091) AA431988
1604	GF200:96(5E3):384(2I5)	CANALICULAR MULTISPECIFIC ORGANIC ANION TRANSPORTER C N80617
1605	GF200:96(6A3):384(2A6)	HOMO SAPIENS MRNA FOR NEUROBLASTOMA, COMPLETE CDS AA481950
1606	PEROU:96(10D1):384(18H1)	CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA036987
1607	GF200:96(25E7):384(7I13)	CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA598508
1608	PEROU:96(8E4):384(20J7)	CELLULAR RETINOIC ACID-BINDING PROTEIN 2 AA036986

Table 1

1609	GF201:96(88E10):384(11I20)	HUMAN SECRETORY PROTEIN (P1.B) MRNA, COMPLETE CDS N74131
1610	GF200:96(6A5):384(2A10)	MSH (DROSOPHILA) HOMEO BOX HOMOLOG 2 AA195636
1611	GF201:96(98C7):384(13F13)	HUMAN CHROMOSOME 16 BAC CLONE CIT987SK-254P9 H23265
1612	GF201:96(61F4):384(22L8)	204483 H58234
1613	GF201:96(88E3):384(11I6)	HUMAN INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) MRNA T52830
1614	PEROU:96(9E8):384(18J16)	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) AA054451
1615	GF200:96(7D2):384(2H4)	HUMAN INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 5 (IGFBP5) MRNA H08560
1616	GF201:96(90D2):384(11H3)	HUMAN MRNA FOR KIAA0061 GENE, PARTIAL CDS N33237
1617	GF201:96(90C2):384(11F3)	HUMAN MRNA FOR KIAA0143 GENE, PARTIAL CDS AA112057
1618	GF201:96(90E2):384(11J3)	CYSTEINE-RICH PROTEIN 2 AA485427
1619	PEROU:96(3A2):384(19B4)	PDGF BETA T49539
1620	GF200:96(16G1):384(4N1)	67654 T49539
1621	PEROU:96(6C7):384(20E14)	RAS HOMOLOG GENE FAMILY, MEMBER B H89046
1622	GF200:96(1F7):384(1K13)	RAS HOMOLOG GENE FAMILY, MEMBER B AA495846
1623	PEROU:96(8A4):384(20B7)	140018 R63971
1624	PEROU:96(9A5):384(18B10)	140018 R63971
1625	GF201:96(101A1):384(14B2)	81475 T63511
1626	GF201:96(96D4):384(13G8)	CYTOCHROME P450, SUBFAMILY IIJ (ARACHIDONIC ACID EPOXYGENASE) POLYPEPTIDE 2 H09076
1627	GF200:96(26H5):384(7O10)	P53-INDUCED PROTEIN H12189
1628	PEROU:96(10E9):384(18J17)	HOMO SAPIENS BREAST CANCER PUTATIVE TRANSCRIPTION FACTOR (ZABC1) MRNA, COMPLETE CDS AA460802
1629	PEROU:96(10E8):384(18J15)	HOMO SAPIENS BREAST CANCER PUTATIVE TRANSCRIPTION FACTOR (ZABC1) MRNA, COMPLETE CDS AA782528
1630	GF201:96(93C7):384(12F14)	SULFOTRANSFERASE FAMILY 2B, MEMBER 1 R73584
1631	PEROU:96(1F8):384(19K15)	HEREDITARY HEMOCHROMOTOSIS R07647
1632	GF200:96(17D7):384(5G13)	MUCIN 1, TRANSMEMBRANE AA488073
1633	PEROU:96(1G8):384(19M15)	156053 R72491
1634	GF201:96(94A4):384(12B7)	447786 AA702350
1635	GF201:96(62B2):384(22D3)	415317 W92160
1636	GF201:96(99A7):384(14A13)	IGG FC BINDING PROTEIN R52030
1637	GF200:96(24B11):384(6D21)	EPIDIDYMIS-SPECIFIC, WHEY-ACIDIC PROTEIN TYPE, FOUR-DISULFIDE CORE AA451904
1638	GF200:96(10A9):384(3A18)	SRC KINASE-ASSOCIATED PHOSPHOPROTEIN OF 55 KDA R01281
1639	GF200:96(28H2):384(7P3)	CARBONIC ANHYDRASE XI N52089
1640	GF201:96(87D4):384(11G7)	PHOSPHOFRUCTOKINASE, MUSCLE AA099169
1641	GF200:96(27C5):384(7F10)	HUMAN HEART MRNA FOR HEAT SHOCK PROTEIN 90, PARTIAL CDS AA064973
1642	GF200:96(26F1):384(7K2)	130843 R22306
1643	PEROU:96(8D12):384(20H23)	470105 AA029949
1644	GF201:96(85D6):384(10H12)	H2B HISTONE FAMILY, MEMBER Q AA010223
1645	GF200:96(7D9):384(2H18)	H2B HISTONE FAMILY, MEMBER Q AA456695

Table 1

1646	GF201:96(68E7):384(24I14)	H2A HISTONE FAMILY, MEMBER L N50797
1647	GF200:96(11A12):384(3B24)	H1 HISTONE FAMILY, MEMBER 2 T66816
1648	GF201:96(68A3):384(24A6)	322461 W15305
1649	GF201:96(66B11):384(23D21)	289734 N62965
1650	GF201:96(91H2):384(12O3)	DUAL SPECIFICITY PHOSPHATASE 4 AA444049
1651	GF201:96(80G4):384(9M8)	CALCIUM CHANNEL, VOLTAGE-DEPENDENT, ALPHA 2/DELTA SUBUNIT 2 N53512
1652	GF200:96(14G9):384(4M18)	ACYL-COENZYME A DEHYDROGENASE, SHORT/BRANCHED CHAIN H96140
1653	PEROU:96(4B3):384(19D5)	CYTOCHROME P450, SUBFAMILY IIB (PHENOBARBITAL-INDUCIBLE), POLYPEPTIDE 6 H41908
1654	GF200:96(11C7):384(3F14)	PROTEASE INHIBITOR 12 (NEUROSERPIN) AA115876
1655	GF200:96(31C3):384(8F6)	HUMAN DNA SEQUENCE FROM CLONE 167A19 ON CHROMOSOME 1P32.1-33. CONTAINS THREE GENES FOR NOVEL PROTEINS, THE DIO1 GENE FOR TYPE I IODOTHYRONINE DEIODINASE (EC 3.8.1.4, TXDI1, ITDI1) AND AN HNRNP A3 (HETEROGENOUS NUCLEAR RIBONUCLEOPR N74025
1656	GF200:96(14D5):384(4G10)	AUTOCRINE MOTILITY FACTOR RECEPTOR AA479243
1657	GF200:96(13D9):384(4G17)	CYTOCHROME P450, SUBFAMILY IIA (PHENOBARBITAL-INDUCIBLE), POLYPEPTIDE 7 T73031
1658	GF200:96(1F2):384(1K3)	ANGIOTENSIN RECEPTOR 1 H66116
1659	GF200:96(28H3):384(7P5)	ESTS, WEAKLY SIMILAR TO TUMOROUS IMAGINAL DISCS PROTEIN TID56 HOMOLOG [H.SAPIENS] T95268
1660	GF200:96(13B7):384(4C13)	QUINOID DIHYDROPTERIDINE REDUCTASE R38198
1661	GF201:96(90E9):384(11J17)	LYMPHOID NUCLEAR PROTEIN RELATED TO AF4 H99588
1662	GF201:96(94F3):384(12L5)	NUCLEOPORIN 88KD AA479888
1663	PEROU:96(6D8):384(20G16)	307220 N95180
1664	GF200:96(28D11):384(7H21)	HOMO SAPIENS MRNA; CDNA DKFZP564P0662 (FROM CLONE DKFZP564P0662) R27680
1665	GF200:96(26H10):384(7O20)	HEPSIN (TRANSMEMBRANE PROTEASE, SERINE 1) H62162
1666	GF200:96(29D11):384(8G21)	ESTS, HIGHLY SIMILAR TO TRANSCRIPTION ELONGATION FACTOR TFIIS.H [H.SAPIENS] R09980
1667	GF201:96(80E10):384(9I20)	795744 AA460298
1668	PEROU:96(6B10):384(20C20)	N-ACETYLTRANSFERASE 1 (ARYLAMINE N-ACETYLTRANSFERASE) R91803
1669	GF201:96(97H5):384(13P10)	N-ACETYLTRANSFERASE 1 (ARYLAMINE N-ACETYLTRANSFERASE) T67128
1670	GF201:96(64C11):384(23E22)	503581 AA131239
1671	GF200:96(8C12):384(2F23)	HUMAN BREAST CANCER, ESTROGEN REGULATED LIV-1 PROTEIN (LIV-1) MRNA, PARTIAL CDS H29407
1672	GF201:96(89B3):384(11D6)	N-ACYLSPHINGOSINE AMIDOHYDROLASE (ACID CERAMIDASE) AA664155
1673	GF200:96(12H10):384(3P19)	EPOXIDE HYDROLASE 2, CYTOPLASMIC R73525
1674	GF201:96(97C6):384(13F12)	B-CELL CLL/LYMPHOMA 2 W63749
1675	GF201:96(100G11):384(14M22	ESTS, HIGHLY SIMILAR TO (DEFLINE NOT AVAILABLE 4929557) [H.SAPIENS] T74688
1676	GF200:96(22G7):384(6M14)	BASIC HELIX-LOOP-HELIX DOMAIN CONTAINING, CLASS B, 2 T62084
1677	GF201:96(62D11):384(22H21)	FORKHEAD (DROSOPHILA) HOMOLOG 1 (RHABDOMYOSARCOMA) AA448277
1678	GF201:96(91E3):384(12I5)	ACTIVATED P21CDC42HS KINASE AA427891
1679	GF200:96(6D3):384(2G6)	HUMAN MRNA FOR KIAA0303 GENE, PARTIAL CDS AA418846
1680	GF201:96(59A7):384(22A13)	487929 AA045481

Table 1

1681	GF200:96(7D8):384(2H16)	ZINC FINGER PROTEIN HOMOLOGOUS TO ZFP103 IN MOUSE AA429297
1682	GF200:96(8D4):384(2H7)	CELL DIVISION CYCLE 4-LIKE AA041499
1683	PEROU:96(9B4):384(18D8)	ESTS, WEAKLY SIMILAR TO P1.11659_5 N47593
1684	GF202:96(111B9):384(15D18)	ESTS, WEAKLY SIMILAR TO (DEFLINE NOT AVAILABLE 4502327) [H.SAPIENS] T72850
1685	GF200:96(29D2):384(8G3)	ESTS, MODERATELY SIMILAR TO !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.SAPIENS] R70598
1686	PEROU:96(6C2):384(20E4)	220376 H86813
1687	GF201:96(100H8):384(14O16)	HOMO SAPIENS MRNA; CDNA DKFZP434H071 (FROM CLONE DKFZP434H071) T41078
1688	GF201:96(93D10):384(12H20)	ESTS, WEAKLY SIMILAR TO !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.SAPIENS] AA669222
1689	GF202:96(109A8):384(15A15)	T3 RECEPTOR-ASSOCIATING COFACTOR-1 [HUMAN, FETAL LIVER, MRNA, 2930 NT] AA400234
1690	GF201:96(63H11):384(23O21)	416556 W86987
1691	GF200:96(7H5):384(2P10)	HUMAN CLONE 23907 MRNA SEQUENCE R06567
1692	PEROU:96(6F3):384(20K6)	ESTS, WEAKLY SIMILAR TO KIAA0108 [H.SAPIENS] AA033947
1693	GF202:96(112E11):384(15J21)	ESTS, WEAKLY SIMILAR TO KIAA0108 [H.SAPIENS] AA600214
1694	GF200:96(16C10):384(4F19)	RAB2, MEMBER RAS ONCOGENE FAMILY T82414
1695	GF200:96(22C1):384(6E2)	TISSUE SPECIFIC TRANSPLANTATION ANTIGEN P35B AA421687
1696	GF201:96(55C3):384(21E5)	ESTS, WEAKLY SIMILAR TO RBCK2 [R.NORVEGICUS] AA434161
1697	GF200:96(29D10):384(8G19)	ESTS, WEAKLY SIMILAR TO ORF2 CONTAINS A REVERSE TRANSCRIPTASE DOMAIN [H.SAPIENS] R38239
1698	GF201:96(56F11):384(21K22)	ESTS, MODERATELY SIMILAR TO NMDA RECEPTOR GLUTAMATE-BINDING CHAIN [H.SAPIENS] AA455271
1699	PEROU:96(5C4):384(20E7)	HSP27
1700	GF201:96(82F6):384(9L11)	ESTS, HIGHLY SIMILAR TO TRANSDUCIN-LIKE ENHANCER PROTEIN 3 [H.SAPIENS] AA136692
1701	GF200:96(16H3):384(4P5)	PARVALBUMIN AA010609
1702	GF201:96(100C2):384(14E4)	50582 H17038
1703	GF201:96(99H6):384(14O11)	51700 H22854
1704	GF201:96(65C8):384(23F16)	CYTIDINE MONOPHOSPHATE-N-ACETYLNEURAMINIC ACID HYDROXYLASE (CMP-N-ACETYLNEURAMINATE MONOOXYGENASE) N29639
1705	GF201:96(91E1):384(12I1)	ADENOSINE A2A RECEPTOR N57553
1706	GF200:96(10C4):384(3E8)	HOMO SAPIENS INDUCIBLE PROTEIN MRNA, COMPLETE CDS H12043
1707	GF201:96(99F2):384(14K3)	46896 H09818
1708	GF200:96(9F2):384(3K3)	REGULATOR OF G-PROTEIN SIGNALLING 16 AA453774
1709	GF201:96(66D12):384(23H23)	418240 W90241
1710	GF200:96(6H10):384(2O20)	KIAA0130 GENE PRODUCT N76581
1711	PEROU:96(9C11):384(18F22)	ERBB-2 RECEPTOR PROTEIN-TYROSINE KINASE PRECURSOR AA025141
1712	GF200:96(24B4):384(6D7)	STEROIDOGENIC ACUTE REGULATORY PROTEIN RELATED AA504710
1713	PEROU:96(10E11):384(18J21)	ERBB2-POLYA X03363
1714	PEROU:96(6E5):384(20I10)	V-ERB-82 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA025141

Table 1

1715	GF200:96(15B6):384(4D12)	V-ERB-B2 AVIAN ERYTHROBLASTIC LEUKEMIA VIRAL ONCOGENE HOMOLOG 2 (NEURO/GLIOBLASTOMA DERIVED ONCOGENE HOMOLOG) AA443351
1716	PEROU:96(2F1):384(19K2)	ERBB2 AA481939
1717	GF201:96(88H2):384(11O4)	GROWTH FACTOR RECEPTOR-BOUND PROTEIN 7 H53703
1718	PEROU:96(8A1):384(20B1)	68400 T57034
1719	PEROU:96(6A1):384(20A2)	68400 T57034
1720	PEROU:96(7F8):384(20L16)	SWI/SNF RELATED, MATRIX ASSOCIATED, ACTIN DEPENDENT REGULATOR OF CHROMATIN, SUBFAMILY E, MEMBER 1 W63613
1721	GF201:96(65B12):384(23D24)	ESTS, WEAKLY SIMILAR TO ENVELOPE PROTEIN [H.SAPIENS] W37778
1722	GF201:96(69B5):384(24D10)	271076 N29918
1723	GF200:96(3H12):384(1P24)	GLYCINE AMIDINOTRANSFERASE (L-ARGININE:GLYCINE AMIDINOTRANSFERASE) R61229
1724	PEROU:96(7H11):384(20P22)	MOUSE MITOCHONDRION, COMPLETE GENOME NC_001569
1725	GF201:96(97D9):384(13H18)	AMYLO-1,6-GLUCOSIDASE, 4-ALPHA-GLUCANOTRANSFERASE (GLYCOGEN DEBRANCHING ENZYME, GLYCOGEN STORAGE DISEASE TYPE III) AA668425
1726	GF200:96(17B2):384(5C3)	ORNITHINE AMINOTRANSFERASE (GYRATE ATROPHY) AA446819
1727	GF200:96(13C5):384(4E9)	DAMAGE-SPECIFIC DNA BINDING PROTEIN 2 (48KD) AA406449
1728	GF201:96(87C8):384(11E15)	PLASTIN 1 (I ISOFORM) AA017379
1729	GF201:96(99C12):384(14E23)	ELECTRON-TRANSFER-FLAVOPROTEIN, BETA POLYPEPTIDE T62040
1730	GF201:96(82C4):384(9F7)	347276 W80996
1731	GF201:96(55A8):384(21A15)	ACYL-COENZYME A OXIDASE 2, BRANCHED CHAIN T71782
1732	PEROU:96(6C11):384(20E22)	6-PHOSPHOFRUCTO-2-KINASE/FRUCTOSE-2,6-BIPHOSPHATASE 3 N93901
1733	PEROU:96(1A6):384(19A11)	ERK3 PROTEIN KINASE AA603152
1734	GF201:96(100G5):384(14M10)	52339 H23278
1735	GF202:96(116H11):384(16P21	CATENIN (CADHERIN-ASSOCIATED PROTEIN), ALPHA-LIKE 1 AA621315
1736	GF201:96(91A5):384(12A9)	3-HYDROXY-3-METHYLGLUTARYL-COENZYME A SYNTHASE 2 (MITOCHONDRIAL) AA496149
1737	GF201:96(91A4):384(12A7)	470279 AA028905
1738	GF201:96(96G10):384(13M20)	CARNITINE ACETYLTRANSFERASE AA621218
1739	GF202:96(114C7):384(16E14)	78736 T61888
1740	GF201:96(101C2):384(14F4)	72498 T51936
1741	GF201:96(89D6):384(11H12)	NEUROGRANIN (PROTEIN KINASE C SUBSTRATE, RC3) H49511
1742	PEROU:96(9E3):384(18J6)	TRANSFORMING GROWTH FACTOR BETA AA033601
1743	GF201:96(79A6):384(9A11)	KIAA0057 GENE PRODUCT H59726
1744	GF201:96(84F4):384(10K8)	TRANSDUCIN (BETA)-LIKE 1 AA149637
1745	GF202:96(113B1):384(16C1)	837908 AA434090
1746	GF200:96(26H12):384(7O24)	H.SAPIENS MRNA FOR RAT HREV107-LIKE PROTEIN AA476543
1747	GF201:96(95F4):384(13K7)	GLUTATHIONE S-TRANSFERASE THETA 1 H99813
1748	GF201:96(86B7):384(10D13)	URACIL-DNA GLYCOSYLASE 2 AA425900
1749	GF200:96(11G7):384(3N14)	TRANSCRIPTION FACTOR AP-2 BETA (ACTIVATING ENHANCER-BINDING PROTEIN 2 BETA) AA018906
1750	GF200:96(31A5):384(8B10)	HOMO SAPIENS CLONE 23915 MRNA SEQUENCE H51765

Table 1

1751	GF200:96(31A4):384(8B8)	785816 AA449048
1752	GF200:96(17A10):384(5A19)	PHOSPHODIESTERASE I/NUCLEOTIDE PYROPHOSPHATASE 1 (HOMOLOGOUS TO MOUSE LY-41 ANTIGEN) T70503
1753	GF200:96(5B3):384(2C5)	DUAL SPECIFICITY PHOSPHATASE 5 W65461

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1	1	-0.00125	0.3059	0.3264	0.6647	0.6006	0.3391	0.9412	-0.4488
2	1	-0.6319	-0.2647	-0.1142	0.1341	6.39E-09	0.6085	0.1006	-0.1594
3	1	0.9575	0.5247	-0.7048	-0.1366	-0.3206	0.4679	-0.76	0.07
4	1	0.3475	1.895	-0.7348	-0.1866	-0.5406	0.03789		-3.85E-09
5	1	-0.6525	0.04469		0.7834	-0.2806			-3.85E-09
6	1	0.1815		-0.5808	0.5774	-0.2566	-0.3281	0.654	
7	1	0.1455	-1.057	-0.9568	-0.6486	-0.5627	-0.1141	-0.102	-0.322
8	1	-0.2875	-0.1203	0.1502	0.2984	0.1144	0.07289	1.525	0.285
9	1	-0.1223	-0.5952	0.5654	0.5336	1.12	1.088	0.2402	-0.6098
10	1	0.0075	0.07469	0.6352	0.3834	-0.3906	0.1279		-0.08
11	1	-0.5075	0.5497	0.4002	0.1584	-0.1656	-0.3071	1.635	0.035
12	1	-1.019	-0.1622	0.06832	0.5566	0.3025	-0.389	1.173	0.3831
13	1	0.2733	0.4405	-0.129	0.4892	0.9052	0.4737	0.9358	-0.1842
14	1	0.2475	-0.03531	0.4552	0.1534	0.5394	0.3279	-0.18	0.41
15	1	0.5373	0.7845	0.855	-0.4167	0.2592	0.01773		0.3698
16	1	0.7169	0.5741	0.1346	-0.2072	0.2588	0.2073	0.6194	0.1294
17	1	1	1.127	0.3277	-0.4841	0.1719	0.2304	0.2725	-0.3875
18	1	-0.331	0.08621	-0.9133	-1.245	-0.0791	-0.7306	-0.2285	2.232
19	1	-0.5646	1.033	0.01314	-0.07861	0.9973	0.4258		0.3679
20	1	0	-0.3028	0.1177	0.06594	0.8019	0.2804	-0.2975	0.3325
21	1	-0.04852	0.04867	0.2692	0.3974	0.5834	-0.04812	-0.856	0.564
22	1	0	-1.453	-1.182	-0.8141	-0.1481	-0.7796	0.1325	-0.6775
23	1	0.9163	1.503	0.9639	0.3722	1.138	0.5766	0.6787	1.349
24	1	2.033	2.23	0.9702	0.5084	2.564	2.413	0.015	1.055
25	1	2.455	0.7122	0.9227	0.7409	2.217		1.528	1.198
26	1	1.598	2.055	1.485	0.9834	2.269	1.968		-0.5
27	1	0.04275	0.3299	0.0004492	-0.05131	0.2446	-0.05686	0.8553	-0.1947
28	1	0.6302	1.387	0.7479	0.1162	0.6721	-0.3894	-0.03727	0.5627
29	1	0.4375	0.9947	0.8652	0.2634	0.2794	-0.3421	-0.55	-0.02
30	1	-0.7225	-0.3253	-0.0948	-0.9266	-0.7006	1.768	-0.53	-1.15
31	1	-0.5414	0.05578	-0.03371	-1.535	-1.18	-0.851	-0.7989	-1.209
32	1	-0.5862	0.1609	0.1814	0.5497	-0.05437	0.7841		-0.2837
33	1	-0.317	0.6802	-0.05926	0.09898	0.5949	-0.4266		1.246
34	1	0.1211	-0.5817	0.9988		0.273		-0.5264	-0.3964
35	1	0.4375	-0.03531	-0.2948	-0.2166	0.4394	0.4679	-0.48	-0.53
36	1	-0.0007031	0.07648	-0.643	0.1452	-0.1988	-0.04031		0.0618

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
37	1	0.2278	-0.935	-0.3745	-0.2363	0.3197	0.008203	1.45	-0.5597
38	1	0.8163	-0.1066	0.2039	-0.1378	0.6681	0.8266	1.359	0.6387
39	1	0.7475	-0.2153	0.1552	-0.1566	0.7094	0.9279	1.71	0.83
40	1	0.1725	-0.03031	0.4102	0.8384	-0.4156			-0.355
41	1	0.04031	-0.4325	-0.142	0.4862	-0.5678	0.0007031	0.07281	-0.05719
42	1	0.1986	-0.004219	0.1263	0.004531	-0.2095	0.309	0.4611	0.01109
43	1	-0.13	-0.02281	-0.4423	-0.1341	-0.3181	-0.1896	-0.8775	-0.1775
44	1	-0.2125	0.4547	0.3252	0.6634	-0.3906	0.5379	0.34	0.22
45	1	0.0075	0.7647	0.7952	1.453	-0.03063	0.5479	0.48	0.16
46	1	-0.2752	0.632	0.8425	1.111	-0.2934	1.725	1.377	0.5673
47	1	0.8686	1.736	1.556	0.3945	1.23	0.979	-0.3589	0.9011
48	1	-0.008203	0.329	0.2895	0.1377			0.8643	0.1343
49	1	-0.03375	-0.5366	-0.08605	-0.4878	-0.3919	-0.1734		0.2787
50	1	0.2875	0.3847	-0.2948	0.7834	-0.2406	0.01789	-2.65E-09	-0.02
51	1	-0.1775	0.7197	0.7802	0.2084	-0.1556	-0.07711	-0.965	0.205
52	1	0.6175	0.2647	0.0852	0.2634	0.9794	-0.09211	-0.15	0.4
53	1	-0.7566	0.3706	-0.2189	-0.9406	-0.7447	-0.4662		-0.1341
54	1	0.2831	1.17	0.3708	0.2391	-0.445	-0.7065	0.6156	-1.164
55	1	0.00375	-1.949	0.3314	0.4197	-0.3744		-0.5038	0.6162
56	1	-1.267	-0.3496	-0.0791	-0.07086	-0.7049	-0.4464	-1.204	0.6857
57	1	-0.1937	0.1634	-0.4861	-0.5278	-0.2019	-0.5634	0.6687	0.1687
58	1	0.0825	-0.7003	-0.1798	0.8884	-0.1256	-0.1171	0.195	-0.045
59	1	-0.2712	-0.03406	0.2564	-0.1953	0.000625	0.4091	-1.119	-0.1588
60	1	-0.3425	-0.5553	0.0852	0.1434	-0.02062	-0.1921	0.99	0.04
61	1	0.7747	-0.2381	0.2024	0.1806	-0.3234	-0.7149	-0.6128	0.2072
62	1	-0.1125	-0.3053	0.0552	0.02344	-0.1306	-0.7221		-0.5
63	1	-0.5266	-0.02938		-0.6206	-0.5947	-0.8062	-0.6441	0.05594
64	1	-0.18	1.087	0.5577	0.4159	0.04188	-0.1896	-0.1675	-0.1375
65	1	-0.2425	0.7247	0.3252	0.2634	0.01938	-0.1821		-0.07
66	1	-0.0775	0.7797	0.5602	0.4184	-0.1056	0.1129	-0.135	0.725
67	1	-0.3725		-0.1648	-0.6366	-0.2906			0.36
68	1	0.1125	0.2197		0.6084	-0.5156	0.5629	-0.445	1.515
69	1	0	-0.8428	0.1377	0.3259	-0.4181	0.09039	-0.1175	0.6425
70	1	-0.1425	-0.6653	-0.0148	0.1134	-0.4906	-0.3021	-1.56	0.46
71	1	-0.2175	-0.7503	-0.3498	0.3184	0.07437	0.09289	-0.135	0.335
72	1	0.4923	0.3295			-0.4158	-0.2973	-1.065	-0.3252

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
73	1	0.6653	-0.6475	0.673	0.08125		-0.5843	0.4578	-1.262
74	1	0.0699	1.057	-0.0124	0.9958	0.1918		-0.5876	0.3624
75	1	0.2319	0.2691	0.7596	-0.2522	0.7637	0.5323	0.6244	0.4744
76	1	0.4328	0.55	1.171	-0.06125	0.7847	-0.006797	0.5253	0.4653
77	1	0.5741	0.6512	-0.1382	0.25	0.2559	0.4745		0.6566
78	1	0.0075	0.7147	0.3752	1.193	-0.5706	-0.08211		
79	1	0.2097	1.407	0.7174	0.7056	-0.3484	-0.5499	-0.6178	0.1222
80	1	0.2502	1.497	0.6679	0.9462	-0.1179	-0.6694		0.1227
81	1	0.3475	-0.5653	0.8452	-0.08656	0.5994	0.1779	0.48	-3.85E-09
82	1	0.5075	0.5047	0.5952	0.6534	0.6094	1.008	1.03	1.1
83	1	0.7375	1.195	0.7652	0.7134	-0.3406	0.8379	0.91	1.09
84	1	0.2225	1.05	0.6302	0.5784	-0.09563	0.2929	-0.965	
85	1	0.85	0.4872	1.108	0.1259	0.9219	0.4504	1.632	0.8725
86	1	0.7275	0.3647	1.155	0.2834	0.9294	0.9079	0.96	1.23
87	1	0.5925	0.5397	0.3902	0.2184	1.474	1.353	1.075	0.425
88	1	-0.09859	0.02859	0.5291	-0.2427	-0.1067	-0.7582		0.3039
89	1	0.1625	0.6897	0.0902	0.3784	0.08438	0.4829	0.025	0.395
90	1	-0.1184	0.4987	1.359	0.5475	-0.1766	-0.538		0.8941
91	1	0.2955	-0.3473	0.6832	0.5715	0.1774		1.058	0.668
92	1	0.8068	2.014	1.014	1.643	0.4787	0.7072	1.219	0.4693
93	1	0.07531	0.5125	-0.127	0.4513	0.4872	0.3457		0.6378
94	1	0.7566	0.8838	0.5143	-0.1574	0.4685		0.7791	0.1291
95	1	0.2375	0.06469	0.2652	0.1234	-0.3406	-0.2721	-0.18	0.49
96	1	0.1675	-0.07531	0.1952	0.2834	0.1894	0.5679	-0.11	-0.08
97	1	0.3875	0.4547	0.5352	0.6134	0.4094	0.4679	-0.07	0.19
98	1	0.6069	0.8241	0.5146	-0.1272	0.4088		0.7794	0.6494
99	1	0.5269	1.194	0.1446	0.2028	-0.4213		0.5594	0.9894
100	1	0.5775	0.5647	0.0952	0.2234	0.1594		0.47	0.51
101	1	0.4797	1.187	0.4874	-0.08437	-0.2084	0.3001	0.2222	0.7622
102	1	0.7386	1.086	0.1963	0.1745	1.27	0.369	0.8611	0.9911
103	1	0.6519	0.5491	0.5296	0.2678	0.9237		1.184	0.8444
104	1	0.6975	1.125	0.3952	-0.3866	1.299	1.038	0.89	1.31
105	1	1.005	1.683	0.863	1.241	1.537	1.116	1.198	1.178
106	1	-0.02125	0.5959	0.1664	0.3247	0.5306	0.5291	0.3212	1.191
107	1	-0.1977	-0.2405	1.46E-12	-0.06176	0.5642	0.4727	-0.1352	0.5848
108	1	0.1747	0.2319	0.08238	0.000625	0.8266	0.3151	0.2872	0.2672

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
109	1	-0.2975	-0.3303	-0.1798	0.2584	-0.2356	-0.3171	-1.205	0.645
110	1	-0.2598	0.8074	-0.6321	0.3861	0.2021		-0.8073	1.153
111	1	-0.1035	0.5537	-0.3858	1.152	0.1184	0.6169	-0.661	1.129
112	1	-0.1502	0.357	-0.5125	0.4057	0.4316	0.1402	0.1623	-0.3977
113	1	-0.57	0.1872	0.0777	-0.4641	-0.2481	-0.3996		0.1225
114	1	0.3075	0.3147	0.1152	0.3034	-0.5206	0.05789	-1.37	0.03
115	1	-0.05375	0.9234	0.5139	-0.3878	0.4581	0.1666	0.9987	-0.03125
116	1	-0.2575	0.09969	0.2502	-0.5216	0.08438	0.2629	0.765	-0.175
117	1	-0.004219	1.503	0.3835	-0.07828	-0.04234	0.1562	0.6383	-0.2017
118	1	0.4347	1.522	-0.1776	0.000625	0.06656	0.5251	1.127	1.047
119	1	0.555	0.5022	0.5927	0.1809	-0.1031	-0.01461	0.9675	0.5875
120	1	0.358	0.8552	1.156	0.5139	0.7498	0.3884	0.5505	0.8705
121	1	0.0575	-1.035	0.0652	-0.2666	0.04937	0.6779	-0.1	0.16
122	1	0.2403	-0.7925	0.218	-0.3937	-0.5278	0.0107	0.002812	0.1128
123	1	-0.01031	-0.2831	0.4374	-0.05437	-0.02844	0.2301	0.1222	0.1122
124	1	0.2325	0.03969	0.5102		-0.005625	0.8929	-0.035	0.335
125	1	-0.06961	0.9076	0.5181	0.2263	-0.6477	0.6408		-0.7171
126	1	-0.2862	-1.069	-0.8086	0.07969	0.04562	-0.04586	-0.4038	-0.6538
127	1	-0.4853	-0.2081	-0.2876	0.000625	-0.4834	0.2651	-0.7028	-0.2728
128	1	0.472	-0.8908	0.02973	0.538	-0.4661	-0.1576	-0.09547	0.4345
129	1	-0.8073	-0.2802	1.28	-0.2114	-0.3755	-0.197	1.355	0.8852
130	1	-0.08375	-0.8466	0.04395	0.2222	0.3681	0.2566	0.3288	
131	1	-0.7575	-0.2303	-0.0398	-0.1416	-0.5456	-0.09711	0.735	1.595
132	1	1.608	1.855	-0.8848	-0.5766	0.1494	0.04789	-0.26	1.74
133	1	1.248	0.2556	-0.1339	-0.1556	-1.67	-1.671		0.1909
134	1	2.06	1.767	0.2275	-0.0143	-0.2184	-0.1898	-1.248	0.4323
135	1	1.774	0.6709	-0.09855	-0.01031	-0.3044	-0.2059	-0.1137	-0.3137
136	1	0.4608	-0.342	-0.8915	-0.2333	0.5327			0.4133
137	1	0.1592	0.5664	-0.1131	0.7352	0.1911	-0.2104	-0.1483	0.2717
138	1	0.4155	-0.9173	0.03324	-0.1785	0.4574	0.5859	0.788	-0.512
139	1	0	0.05719	0.6677	-0.1641	0.7119	0.7804	1.162	0.5925
140	1	0.6225	0.4597	0.2802	-0.3616	0.8444	-0.3071	0.045	0.255
141	1	0.7198	0.877	0.9975	-0.3443	0.7016	0.7902	1.212	1.062
142	1	1.208	1.495	1.335	-1.777	0.6694	-0.6521	0.7	0.54
143	1	1.275	0.3619	1.212	0.000625	1.737	1.725	2.037	2.027
144	1	1.273	0.7497	1.58	0.7984	1.564	-0.2371		2.025

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
145	1	-0.08469	0.2025	-0.137	-0.03875	-0.3828	-0.3543		-0.1222
146	1	0.3247	0.3619	0.3024	1.271	-0.3434	-0.4949	0.7572	0.1172
147	1	1.354	0.2815	0.712	1.05	1.836	1.385	2.127	1.407
148	1	1.058	1.885	1.245	0.1634	0.3594	1.418		0.98
149	1	0.5175	-0.4553	1.135	0.6234		0.9779		2.1
150	1	0.8672	1.544	0.3849	-0.1269	1.089	0.1776	0.6597	0.7497
151	1	0.2847	0.3019	0.6924	0.000625	0.7966	0.1651	0.3472	1.047
152	1	0.5125	1.26		0.07844	0.8244		0.165	0.815
153	1	0.5925	0.3797	0.9002	0.008437	0.7944		0.635	0.705
154	1	0.9269	0.6841	0.4546	0.1828	0.7887	0.7573		0.8594
155	1	0.5375	-0.2953	0.3652	0.4634	0.1594	0.6179	0.68	0.73
156	1	0.3975	0.4647	0.3052	0.4234	0.03938	0.4879	0.72	0.75
157	1	0.8775	1.415	1.385	1.233	1.069	1.858	1.36	1.14
158	1	1.396	1.803	0.9839	0.7122	1.278		1.439	1.279
159	1	0.1525	0.8797	0.8402	0.6884	0.1944	0.3329	0.985	1.285
160	1	0.3661	-0.00668	0.7338	0.7521	-0.442	0.6365	-0.1814	1.029
161	1	0.8672	0.6344	1.145	-0.3469	-0.4309	0.4176	1.42	1.21
162	1	0.1114	0.6886	0.8491	0.02734	0.8433	0.1718		1.124
163	1	0.2375	0.6547	0.2852	-0.1766	0.5894	1.138	0.56	0.53
164	1	0.3433	0.5705	-0.399	0.6692	0.3152	1.134	0.005781	0.4958
165	1	0.4569	-0.7159	1.135		1.389	-0.6027	1.929	0.3094
166	1	0.9075	1.025	0.7052	1.013	0.8294	0.7679	0.42	0.3
167	1	0.0875	0.6647	1.065	0.2934	0.2894	0.2679	0.02	0.83
168	1	0.6375	0.6747		0.5034	1.549	1.818	1.01	0.85
169	1	0.3454		1.143	-1.419	-1.053	0.4058		1.058
170	1	0.5954	-0.1274	0.6931	0.08133	0.4873	0.06578	1.678	0.4979
171	1	0.5475	-0.6153	1.265	-0.1266	1.339	1.088		1.16
172	1	1.252	0.5297	2.98	0.7084	2.034	0.3629	0.335	1.485
173	1	2.076	0.06297	1.983	0.05172	1.888	2.366		2.478
174	1	0.4973	-1.185	0.415	0.5333	0.8692		0.5798	0.4198
175	1	0.08449	0.4917	0.9722	-0.4296	0.5264	0.2749		0.327
176	1	0.2699	0.2071		0.1759	0.5018	0.8803	-0.3576	0.1324
177	1	0.2689	-0.1039	0.9966	-0.02516	0.4008	0.009297	-0.008594	1.091
178	1	0.0775	0.4847	1.605	-0.5266	0.8494	-0.3721		1.88
179	1	0.361	0.9982	-0.00127	-0.01303	0.4829	0.6014	0.01354	0.3735
180	1	0.7575	0.7647	0.1452	-0.1066	-0.1006	0.4279	0.58	0.06

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
181	1	0.5859	0.993	0.1936	0.0818	0.2277		0.4284	-0.2016
182	1	0.6875	1.455	1.115	-0.02656	0.1394	0.5579	1.83	1.04
183	1	1.375	1.802	0.9229	-0.3688	0.2871		1.768	1.438
184	1	-0.157	1.12	0.6707	0.1389	0.1248	0.1734	0.3255	0.8755
185	1	0.7027	1.61	1.59	0.07859	0.3645	0.293		1.295
186	1	0.5175	1.535	0.5752	-0.006562	-0.01063	0.007891	0.93	0.89
187	1	0.185	1.142	0.9527	0.1609	0.2869		0.7975	1.217
188	1	0.4614	1.709		0.2073	-0.1067	0.4418	1.244	1.154
189	1	0.3955	0.8927	0.5132	0.1214	-0.2727	-0.08414	0.488	0.878
190	1	0.5175	0.6747	0.6452	-0.04656	-0.1206	0.1279	0.9	0.88
191	1	0.4421	1.219	0.5998	0.1681	1.174	0.7125	1.235	0.7246
192	1	0.6134	0.7206	-0.08887	0.9094	1.055	0.7238	0.4659	0.8559
193	1	0.232	0.8392	1.3	1.648	0.8439	1.522	0.5345	1.405
194	1	-0.1069	0.5003	0.8108	-0.03094	0.595	0.7335	-0.6444	1.016
195	1	-0.1846	0.2126	0.7231	0.1414	0.7573		0.07793	0.9979
196	1	0.2579	-0.06486	0.02564	0.2839	0.7598	0.9283	0.4104	0.4504
197	1	0.1623	0.7295	0.27	-0.001797	1.004	0.6427	0.05477	1.115
198	1	-0.0225	-0.6953	0.2852	0.3234	1.069	0.7679	0.53	1.32
199	1	0.08332	0.7105	0.001016	0.1993	0.3952	-0.02629	-0.09418	-0.00418
200	1	-0.0075	0.3897	0.2502	-0.3216	-0.1056	-0.07711	0.585	0.005
201	1	-0.002344	-0.2752	-0.4046	-0.2564	0.3495		0.4002	-0.2898
202	1	-0.09141	-0.01422	-0.3937	0.4845	0.2205	0.359	0.5211	0.1211
203	1	-0.3525	-0.1753	0.4052	0.5634	-0.01062	-0.4521	0.09	0.27
204	1	0.4147	0.6919	0.6924	0.000625	0.1566	0.1251		0.5472
205	1	0.1345	0.3616	0.9821	1.17	1.226		1.167	0.607
206	1	0.3819	0.4491	0.2496	0.2978	0.9637		0.9944	1.034
207	1	-0.4397	0.9275	0.278	0.3162	0.5122	0.0007031	0.9428	0.5028
208	1	0	-0.1428	0.3377	-0.4341	0.5519	0.02039	0.7925	-0.2175
209	1	0.7122	0.4694	0.8599	1.598	0.8541		1.205	1.445
210	1	0.6375	-0.3353	0.7352	0.5234	0.5894	1.278	0.99	1.22
211	1	0.3008	0.508	0.7085	-0.01328	0.7527	1.621	1.043	0.8133
212	1	0.1031	1.06	0.6308	0.7991	-0.155	0.05352	-0.1744	0.7156
213	1	-0.0875	-0.4603	0.4902	-0.2016	0.9644	0.7129	0.925	1.475
214	1	-0.6145	0.3727	0.7732		0.07734	-0.7941		-0.002031
215	1	1.94	1.418	-0.01191	-0.4837	0.9023	1.211	0.9229	0.9529
216	1	0.8425	0.04969	1.02	-0.2316	1.654		1.135	1.785

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
217	1	0.8536	1.211	-0.6887	-0.7505		-0.976		0.4361
218	1	-0.1937	0.5434	0.9539	-0.6278	1.388	0.8766	-0.1313	0.3287
219	1	-0.2725	0.2447	0.2052	0.5834	0.07938	1.028		-0.18
220	1	-0.2225	-0.7253	0.6452	-1.377	0.1494	0.09789		0.32
221	1	-0.00875	0.02844	1.549		0.3231	-0.2384		1.024
222	1	0.2875	0.7447	1.295	0.5734	-0.3206	0.7079	-0.22	0.41
223	1	0	-0.2728	0.6977	-0.1041	-0.4181	0.4504	-0.5775	-0.3275
224	1	0.5258	-0.217	0.1835	0.9617	-0.5423	0.4062	0.7383	0.1383
225	1	-0.1684	0.1887	0.7193	0.4675	0.4234	-0.398		
226	1	-0.1075	-0.2203		0.1384	-0.5356	-0.3571	-0.045	0.095
227	1	-0.2175	-0.4203	0.4502		-0.1456	-0.3271	0.905	0.005
228	1	0.3975	0.6847	0.5452	-0.5266	-0.6906	-0.7521	-0.06	-0.38
229	1	0.6275	-0.2953	0.4252	-0.3366	-0.2406	-0.4921	1.52	-3.85E-09
230	1	0.7578	-0.295	0.1055	-0.04625	0.2097	-0.1018	0.2703	-0.3197
231	1	0.4434	0.6305	0.2411	0.6993	0.2852	-0.00625	0.05586	-0.01414
232	1	0.4125	0.06969	0.0802	0.02844	-0.5556	0.5829	0.325	0.545
233	1	0.3106	0.7478	-0.3817	0.3566	-0.1675	0.551		0.07312
234	1	-0.5625	-0.6053	-0.1148	-0.8766		-0.03211	-0.82	-0.5
235	1	-0.7555	-1.208	-0.8379	-1.6	-0.3337	-0.04516	-1.403	-0.323
236	1	0.9569	-0.3459	-0.4154	-0.8372	-0.2413	0.1373		0.8694
237	1	0.4231	1.11	-0.4792	0.2591	0.025	-0.02648	0.7456	-0.2344
238	1	-0.2247	0.1525		-0.2187	1.317	-0.2743	-0.06219	0.1778
239	1	-0.3778	-0.2406	0.2699	1.088	0.1741	0.6726		-0.1153
240	1	-1.011	-1.054	-0.2736	-1.425	0.000625	0.1491	-0.2288	0.2212
241	1	-0.8163	-0.7091	-0.3186	-0.3904	-0.04445	0.08406	0.1662	-0.1738
242	1	-0.0525	0.2447	-0.0948	-0.03656	-0.05062	0.06789	-0.24	0.45
243	1	0.02875	-0.4441	-0.1336	-0.3453	-0.1594	-0.5209	-0.08875	0.3312
244	1	0.608	1.115	-0.06426	0.204	-0.5301	0.3184	-0.9895	-0.01945
245	1	1.185	1.262	0.0527	0.1409	-0.2531	0.3954	-0.6625	-0.3625
246	1	0.682	0.4492	0.9197	0.858	0.3239	-0.1376	0.2245	0.3345
247	1	0.1093	-0.2535	-0.003027	-0.7648	-0.01885	0.04967	-0.2982	-0.06822
248	1	0.2316	-1.511	-0.3607	-1.552	0.2635	0.702	0.8241	0.06414
249	1	0.1425	-0.6703	0.3102		-0.4856	0.3629	1.375	-0.005
250	1	0.8245	-0.8184	2.562	0.8704	2.326	2.685		0.917
251	1	-1.564	-0.967	-0.3465	-0.6383	-1.042	-0.8038	1.758	-0.05172
252	1	-1.267	-1.47	-0.0298	-0.5716	-0.8556	-0.08711	1.345	0.725

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
253	1	0.6075	1.125	0.3252		0.07937	-0.4221		0.08
254	1	0.03242	0.6796	0.2501	0.5584	0.3243	-0.4272	-0.1951	-0.2751
255	1	-0.6003	0.3869	0.6974	1.486	-0.3084	-0.8299		0.4322
256	1	-0.06891	-1.382	0.2188	-0.423	-0.07703	0.7815	0.1436	1.124
257	1	-0.005703	-1.859	-0.368		0.1262	0.4747	-0.9832	0.9368
258	1	0.1658	-0.327	0.5635	-0.4983		-1.034		0.9783
259	1	2.227	1.534	-1.525	-0.3172	3.019		0.9994	-0.2306
260	1	1.726				2.618	0.1866		-0.03125
261	1	0.81	0.8072	0.2577	0.2859	-0.2181	-0.9496	0.4925	-0.3775
262	1	-0.3786	1.129	0.6091	0.9373	2.953	1.522		-0.3161
263	1	0.3336	1.361	0.2113	0.7995	0.3155		0.2361	-0.2739
264	1	-0.0175	0.2797	0.4802	0.5684	-0.4856	-0.7271		-0.555
265	1	0.7358	1.083	0.5335	-0.2583	-1.372	-1.314	-0.3817	-0.7817
266	1	-0.5597	0.4975	0.278	0.3162	0.5422	0.0007031	-0.7972	0.2428
267	1	-0.3451	0.2521	0.002598	0.6308	-0.1732	0.1753	-0.4426	-0.4226
268	1	-0.2964	-0.2693	0.4013	0.4195	-0.7946	-0.006055		-1.314
269	1	0.8297	-0.4431	1.487	0.5156	1.752	1.54	0.1522	-0.03781
270	1	0.3111	-0.1917	-0.4212	0.02703	-0.137	0.04148	-0.2564	-0.08641
271	1	0.05375	-0.8091	0.3414	-0.4203	0.3256	0.5041	-0.4637	-0.08375
272	1	-0.2625	-1.025	0.1952	-0.2566	0.3494	0.1079	0.9	0.39
273	1	-0.1966	0.4305	0.7711	-0.1907	0.03523	0.2138		-0.01414
274	1	0.9166	1.394	-0.6257	-0.06742	0.3385	-0.06297	-0.9809	-0.2309
275	1	0.1875	0.2747	-0.1948	-0.6366	-0.02063	-0.1521	0.75	0.12
276	1	0.2596	-0.01316	-0.2927	-0.9444	0.7215	0.18	-0.2079	-0.09785
277	1	-1.022	-0.2053	0.5552	0.5734	0.09937	1.598	0.35	-0.55
278	1	-0.03312	0.8641		-0.7372	0.2688	1.427	0.5094	0.2594
279	1	-0.1547	-0.4475	0.483		0.3372	0.8057	-0.002188	-0.5122
280	1	0.0275	0.5747	-0.0548	0.7734	-0.1306	0.2979	1.61	0.1
281	1	-0.3425	0.1547	1.005	0.6134	-0.8906	0.4379		-0.02
282	1	0.2853	0.6025	0.653	-0.3687	0.2072	-0.0743		0.07781
283	1	0.01219	0.2994	-0.5201	-0.7619	-0.8459	-1.167	0.01469	-0.5253
284	1	-0.1225	0.8647	0.2752	1.463	-0.7506	0.1879		0.27
285	1	0.1947	0.3419	1.332	0.000625	-0.3934	-0.5549	-0.3328	0.2872
286	1	1.92	1.287	0.7677	0.3159	-0.03812	-0.2296		-0.7675
287	1	2.023	0.1102	1.471	0.2089	0.03488	-0.8066	-1.014	0.03551
288	1	-0.1231	0.9341	-0.4354	-0.5672	0.3087	0.1373	0.3894	-0.2706

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
289	1	0.6013	0.3284	0.7489	-0.2728	1.113	-1.368	-1.096	-0.5362
290	1	0.933	-0.1798	0.02072	-0.161	-2.275			-3.524
291	1	0.8234	1.171	-0.3589	0.0993	-1.025	-0.6762	-1.434	0.4259
292	1	-0.2225	1.315	0.2352	-0.1466	-0.02063	-0.7321	-0.49	0.29
293	1	-0.1339	0.5633	-0.07621	0.002031	-0.442	-0.7535	-0.5914	0.6686
294	1	-0.1825	-0.04531	0.2852	-0.02656	-0.3506	-1.352	-0.6	-0.38
295	1	-0.2325	0.7847	0.0352	-0.5766	-0.4006		0.27	-0.75
296	1	-0.7077	0.5895	-1.46E-12	-0.4618	-0.5658	-0.6473	0.3848	-0.6652
297	1	0.1292	-0.4236	-0.4431		-0.02891	0.2396	0.4417	-0.3083
298	1	-0.3725	0.2647	-0.0948	0.2234	-0.6506	-0.8621	-0.22	-0.16
299	1	-0.1047	1.312	-0.597	0.3112	-0.8628	0.0357		-0.6222
300	1	0	0.8172	0.8277	0.3059	-0.3281	0.6904		-0.0575
301	1	0.6175	1.275	0.4152	0.04344	0.6794	-0.1121		0.71
302	1	0.2895	-0.5234	-0.2429	-0.2246	0.1213	-0.4402	0.252	-0.468
303	1	0.78	-0.002813	0.8877	-0.1941		-0.5696		-0.4975
304	1	1.313	1.811		0.9493	-0.3348	-0.3163	-0.3342	0.4658
305	1	1.278	1.805	0.1852	0.9834	-0.2306	-0.4121	-0.22	-0.01
306	1	-0.09812	-0.3909	0.1796	0.3378	-0.4363	0.1723	0.1544	0.2244
307	1	0.1875	-0.5253	0.0952	-0.3466	0.7694	1.108	0.07	0.71
308	1	-0.01516	-0.178	1.333	0.2008	-0.4133	0.2552	-1.443	-0.3527
309	1	-0.935	-0.04781	0.3127	-0.1691	-0.1631	0.02539	0.4575	0.0075
310	1	-0.1079	0.3993	-0.3102	-0.8919	-0.226	-1.077	-0.2154	-1.105
311	1	-0.1322	-0.385	-0.2745	-1.056	-0.04031	-1.822	-0.04969	-0.5997
312	1	-0.3525	-0.1253	-0.6048	-0.8766	-0.07063	-0.9321	-0.02	-0.12
313	1	-0.1881	0.2591	-0.3104	-1.212	0.1737	-0.7877	-0.6756	-1.056
314	1	-0.006406	-0.06922	-0.7687	-0.9005		-0.896	-0.02391	-0.7739
315	1	-0.09215	-0.07496	-1.014	-0.8962	-0.07027	-0.9818	-0.02965	-0.6896
316	1	0.1275	-0.1353	-0.6348		-1.061	-0.9821		-0.11
317	1	-0.42	-0.01281	0.0377	0.2759	-0.4281			0.0125
318	1	-0.6725			-0.9166	-0.1006	-0.4621		0.04
319	1	1.272	1.31	-0.2798	0.4984	0.3644	0.3629	0.225	0.515
320	1	1.045	-0.418	-0.2375	0.9308	1.467	1.315	1.147	1.037
321	1	0.4347	0.3419	0.7524	0.000625	0.2766	-0.4549	0.1472	-0.2428
322	1	0.2925	0.6897	0.1302	0.7284	0.07438	0.2829	-0.285	0.825
323	1	-0.07672	-0.05953	-0.03902	0.05922	0.01516	-0.1063	-0.4342	0.9058
324	1	0.2975	0.05469	-0.9648	1.043	0.01937		0.17	-0.92

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
325	1	0.4225	0.5197	-0.2698	0.8284	0.004375	-0.1971	0.075	-0.685
326	1	0.08609	-0.7467	-0.07621	0.01203	-0.412	-0.5135		-0.1814
327	1	0.5697	1.187	0.2174	-0.03437	-0.3384	0.2201	-0.3678	-0.2578
328	1	0.6897	0.6769	-0.3826	-0.5244	-0.5884		-1.228	
329	1	0.7675	1.135	-0.5048	0.2234	-0.3806		-1.04	-3.85E-09
330	1	0.6997	0.4969	-0.2826	-0.2344	-0.4984	-0.2699	-1.198	-0.03781
331	1	-0.2925	0.1347	0.9652	0.4334	-0.1806	0.8779		0.01
332	1	0.54	0.4672	-0.6223	0.1559	0.1419	-0.5996	-0.4575	0.4825
333	1	0.9325	0.8597	0.1602	0.3384	0.4044	0.3229	0.275	-0.015
334	1	0.2475	-0.3853	0.7652	0.4334	0.7194	0.8579	1.59	0.58
335	1	0.1836	0.02078	1.611	0.1495	-0.08453	-0.356	-0.2339	-0.3739
336	1	1.673	0.4699	0.02045	-0.9013	0.4546	1.183	0.6253	0.8553
337	1	0.105	0.7322	0.2827	0.7409	0.1869	0.1954	0.6075	0.6975
338	1	0.4232	0.9204	-0.4891	-0.3209	-0.2449	-0.3664	0.0657	-0.4043
339	1	0.3775	0.4247	0.3652	0.7134	0.4094	0.8179	0.88	1.09
340	1	-0.0325	-0.04531	0.005195	-0.05656	0.6494	0.8079	0.28	0.08
341	1	-0.0275	-0.5203	0.0902	-0.07156	-0.2156	0.3929	-0.055	0.165
342	1	-0.06109	0.3361	0.8466	0.1148	0.3908	-0.0107	0.1314	0.7414
343	1	0.663	0.02023	0.1307	-0.871	0.2849	0.08344	-0.05445	0.3855
344	1	0.7475	0.6547	0.2452	-0.5766	0.2094	-0.1321	-0.22	0.33
345	1	1.095	0.2119	-0.08762	0.000625	0.5766		-0.3228	
346	1	0.7875	0.8547	0.1952	0.1734	0.03937	0.1279	-1.08	0.98
347	1	1.348	1.385	0.3352	-0.7266	0.5294	0.7779	0.11	0.67
348	1	-0.2747	0.1925	-0.367	-0.3488	-0.2528	0.0857		0.4878
349	1	0.065	0.002188	0.3827	-0.05906	-0.1231	0.3354		0.5975
350	1	-0.2525	0.7747	0.2952		-0.3406	0.08789	-0.61	0.31
351	1	-0.09672	0.4205	0.171	0.8692	-0.2948	-0.1163	-0.1942	0.6258
352	1	0.581		-0.02131		0.3629		0.2435	0.5135
353	1	-0.1225	0.004687	0.7252	0.7034	-0.7406	-0.8021	0.87	-0.31
354	1	0.5825	0.9197	-0.2198	0.09844	0.7944	0.6129	-0.145	2.005
355	1	0.36	0.02719	-0.6823	-0.2641	0.3119	0.04039	-0.8775	0.4525
356	1	-0.9245	-0.01734	-0.7868	0.5414	-0.7727	-0.2741	-1.802	0.138
357	1	-0.6453	0.1419	-0.03762		-0.8934	-1.005		0.1072
358	1	0.2898	-0.08305	-0.9025	-0.6543	-1.638	-1.52	-0.6677	-0.5477
359	1	0.08391	-1.349	-0.9284	-0.02016	-1.244		-0.5536	-0.1736
360	1	-0.01859	1.029	0.8291	0.6273	-0.3367	0.9718		0.3539

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
361	1	-0.1975	-0.1603	0.6402	0.2184	-0.8656	0.1629	-0.315	0.365
362	1	0.2336	-0.4792	0.2713	0.1295	0.2755	-0.476	-0.1839	0.4661
363	1	0.4	-0.6028	0.1177	0.09594	0.09188	0.3704	-0.1175	0.4125
364	1	0	0.9872	0.3677	0.3359	-0.2581	0.1904		-0.2475
365	1	-0.4225	0.06469	0.2052	0.2534	-0.1306	0.09789	-0.56	0.65
366	1	0.06781	0.795	0.4255	-0.1263	0.2697	0.6582	-0.009688	0.02031
367	1	1.188	0.7447	-0.0448	-0.1166	-0.02063	0.7879	0.31	-2.20E-08
368	1		-0.6468	-0.6163	-0.678	-0.02211	-0.1236	0.3785	-0.1515
369	1	-0.3425	0.1847	0.5552	0.9934	-0.6306	-0.4521		-0.54
370	1	-0.000625	-1.303		1.475	0.00125		0.6019	-0.1781
371	1	0.0475	0.4747	-0.0448	0.2534	-0.01063	-0.1221	-0.28	-0.53
372	1	0.2434	-0.4594	-0.04887	-0.1806	-0.5547	-0.1762	-1.104	-0.1341
373	1	-0.3225	0.3347	-0.6248	0.2534	-0.3506	-0.1221	-0.1	-0.08
374	1	0.08891	0.4561	-0.2634	0.3148	-0.1492	-0.0007031	0.4314	0.001406
375	1	-0.4803	0.6169	0.3174	-0.3344	0.03156	-0.03992	0.4122	0.7322
376	1	-0.3281	-0.4409	0.5596	-0.3022	-0.2962	-0.007734		-0.1256
377	1	-0.4425	0.4347	0.6652	0.01344	-0.7606	-0.7521	-0.21	0.45
378	1	0.1175	0.2047	0.4952	1.273	-0.6306	-0.4521	0.4	0.1
379	1	-0.1253	0.6319	0.2024	0.09063	-0.1834	0.1451	-0.1928	-0.04281
380	1	0.05344	0.6606	0.7011	-0.1206	-0.6547	0.4838	-1.074	0.5459
381	1	0	-0.3428	0.0477	0.6259	0.09187	0.3504	-0.0475	0.4325
382	1	0.4663	-0.5966	0.2839	1.012	0.9481	0.9766	1.079	0.07875
383	1	-0.3432	0.9639	0.2345	-0.0373	-0.4314	0.8471		-0.7807
384	1	0.4832	1.13	-0.3891	-0.4809	0.1651	0.2736	-0.5843	0.1557
385	1	0.49	0.9372	-0.6723	-0.4541	0.6019	0.5604	-0.6575	0.5025
386	1	0.2675	0.3947	0.7452	0.5134	-0.2406	0.07789		
387	1	0.01625	-0.8366	-0.5061	-1.398	-0.7119	-0.1734	-0.3613	-0.09125
388	1	-0.0825	-0.8153	-0.9148	-0.8466	-0.09063	-0.3321		0.02
389	1	-0.4163	-0.3591	-1.159	1.37	0.005547		-0.7138	0.4262
390	1	0.5432	0.8704	0.1109	-0.2609	-0.7249	-0.3664	-0.7743	-0.2643
391	1	0.6206	0.3978	0.4183	-0.8134	-0.3075		-0.1969	0.8031
392	1	0.2547	-0.8281	0.04238	0.000625	0.5866	-0.5849	-0.7728	0.7172
393	1	0.4859	-0.627	-0.1064	-0.3382	-0.1323	0.00625	-0.8516	-0.2716
394	1	0.2347	0.6519	-0.4176	-0.009375	-0.1634	-0.1149	-0.4928	0.1472
395	1	0.1364	0.9136	-0.4259	-0.4877	-1.052	-0.5932	-0.9111	-0.8411
396	1	0.5939	0.1511	-0.6184	-0.02016	-0.1442		0.7464	-0.06359

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
397	1	0.2642	-0.06859	-0.1181	-0.1098	0.6961	0.4546	0.1767	-0.1533
398	1	0.4575	0.9247	0.5952	-0.6366	-0.06062	-0.1821		0.48
399	1	0.8197	0.4769	-0.1926	-0.7744	-0.2784	-0.02992	0.1622	0.3622
400	1	0.0475			-0.6666	0.1494	0.3379	0.66	0.04
401	1	0.7875	-0.2453	0.2752	-0.6066	0.009375	-0.3821		0.4
402	1	0.4938	-0.1291	1.191		-0.8944	0.8341		0.7263
403	1	-0.1925	0.2247	-0.1348	0.2034	0.4394	0.5379	0.26	0.13
404	1	-0.365	-0.7878	-0.2473	0.3409	0.8869	0.7154	0.8175	-0.2725
405	1	0.56	-0.002812	0.1877	1.036	-0.2181	-0.2596	-0.4375	0.0925
406	1	0.1455	-0.1273	0.03322	0.9615	-0.0326	0.1859	0.588	0.358
407	1	0.0475	0.5047	-0.3148	-1.107	-0.04063	-0.5021	0.04	0.25
408	1	-0.006406	0.6908	-0.2587	-0.2705	-0.7045	-0.146	0.4961	-0.8639
409	1	0.4675	0.3847	-0.3848	0.5834	-0.2006	0.3379	0.16	0.08
410	1	-0.09125	0.1459	-0.2736	0.5947	0.000625	0.3091	-0.3288	-0.2288
411	1	-0.6125	-0.1453	-0.3948	0.9234	-0.9406	-1.492	-1.87	-0.35
412	1	-0.3797	-0.6725	-0.04199	-1.424	-0.05781	0.4607	0.06281	-0.09719
413	1	-0.1112	-0.134	-0.3335	-0.1153	0.05066	0.3092	0.1013	-0.1987
414	1	-0.122	0.4152	0.3357	-0.2961	-0.3801	-0.1316	-0.8195	-0.4595
415	1	0.5375	0.8247		-2.167	-1.741		-0.12	-0.68
416	1	-0.1191	0.4881	-0.4914	-0.1832	-0.4172	-0.4687	-1.507	0.0134
417	1	0.2436	0.8908	0.04133	-0.5804	-0.8545	-0.516	-0.7739	-0.03387
418	1	0.4575	0.8147	0.9452	-0.3766	-0.3906	-0.9921	-0.91	-3.85E-09
419	1	-0.00625	-0.2791	0.1514	-1.03	0.6256	-1.146	0.3662	-0.9138
420	1	-0.1625	0.1547	0.4152	0.7134	0.4094	0.5279	0.28	-0.11
421	1	-0.1025	-0.005313	-0.5948	-0.1366	-0.7306	-0.5521	-2.65E-09	-0.52
422	1	2.296	3.253	-0.01605	-1.058	0.03813			-0.9713
423	1	0.1375	-0.2553		0.2834	-0.6906	-0.1321		0.12
424	1	1.408	0.7847	0.1052	0.3434	-0.4506	-0.7821	-0.38	0.41
425	1	1.608	0.9747	0.0852	0.1034	-1.481	-1.762		0.16
426	1	1.305	1.242	0.3225	-0.1993	0.02664	-0.5148		
427	1	1.556	1.333	-0.5361	-1.278	-2.222	-0.9434		-0.1512
428	1	1.756	1.003	-0.7261	-1.638	-1.332	-1.123	-3.151	-2.001
429	1	1.173	0.4297	-0.7098	-2.272	-0.8956		-2.645	
430	1	1.19	1.087	-0.5323	-1.884	-1.848	-2.07		-1.658
431	1	0.9681	0.9153	-0.2942		-1.11			
432	1	1.092	0.9197	-1.17	-0.8816	-0.9656	-1.307	-1.125	-1.415

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
433	1	1.715	1.902	-0.1473	-1.389	-2.003	-1.265		-0.6225
434	1	0.9091	-0.2037	0.09684	0.5451	-0.279	1.39	-0.6084	-0.08836
435	1	-0.06687	-1.57	0.08082	-0.1609	-0.505	0.7135	-0.03438	-0.3344
436	1	0.3334	0.5506	-0.6289	-0.3406	-0.5947		-0.004063	-0.3841
437	1	0.6475	1.215	-0.3448	0.6634	-0.6106		-0.36	-0.54
438	1	0.9354	1.113	-0.427	-1.369	-0.8628	-0.05426	-0.05215	0.1079
439	1	0.9498	1.207	0.07746	-0.3243	-0.5584	-0.1598	-0.4777	-0.7177
440	1	-0.5525	-0.1053	-0.0548	0.9734	-0.5806	0.4079		
441	1	-0.5125		1.215			0.04789		-0.04
442	1	-0.3875		-0.6498	0.1284	-0.3556	-0.2071	-0.685	-0.145
443	1	0.09203	0.7592	1.03	-0.002031	-0.6461	-0.1176		0.05453
444	1	-0.0525	-0.3753	-0.6548	-0.01656	0.4394	0.1179	0.15	0.05
445	1	0.1525	0.2197	-0.8298	-0.3716	-0.4256	0.04289	-0.095	-0.165
446	1	1.932	-2.201	-4.37E-12	-2.172	-0.2358	-0.1773	0.2548	1.045
447	1	0.28	-1.123	-0.0623	0.06594	-0.03812	-0.3996		0.1525
448	1	0.6659	0.553		-0.0482	0.2277	0.4462	-1.762	-0.8316
449	1	0.1968	-0.05602	-0.7755	-0.2673	-0.1113	-0.1328	-0.5807	-0.1807
450	1	0.6206	-1.182	0.9383	0.8066	-1.557	-1.519		0.5631
451	1	0.205	-0.3578	-0.4373	0.1609	-0.2731	-0.4346	-0.3725	-0.1525
452	1	0.5232	-0.05961	0.0409	0.2891	0.1651		0.3557	-0.1443
453	1	-0.4925	0.3147	-0.1648	0.4334	-1.161	-0.2221	-1.34	3.98
454	1	0.2723	-0.6105	-2.13E-11	-0.04176	0.6442	0.4427	0.3248	0.8948
455	1	-0.8637	0.2134	0.7839	-0.1478	-0.7519	0.6966	0.4487	-0.3413
456	1	0.9055	0.5227		-0.05859	-0.8427	0.1459		-0.752
457	1	0.6606	0.2678	-0.4517	0.7266	0.9325		0.6631	0.6931
458	1	0.7125	-1.67	0.8202	-1.082	1.034	-0.06711	0.655	0.885
459	1	-0.4825	-1.715	-0.2348	0.9634	-0.7206	-0.3921	-0.34	0.09
460	1	-1.259	-0.3817	-1.241	-0.413	0.323	0.1815	0.5636	-0.6864
461	1	-0.4225	-0.6153	-0.0748	0.1934	-0.1106		-2.65E-09	-0.32
462	1	-0.7775	0.3897	0.3702	-0.7516	-0.8656	-0.4171		0.525
463	1	0.4297	-0.2631	-0.4226	0.2656	0.1816	0.2301	-0.2578	-0.08781
464	1	-0.3325	-0.4753	-0.1648	-0.3866	-0.4606	0.08789	-0.39	0.05
465	1	0.002891	0.6001	-0.5094	-0.3712	-0.5352	-0.7667	0.3954	-0.5146
466	1	-0.01859	-0.1014	1.029	-0.9227	-0.4967	-0.0482		0.2939
467	1	0.2875	0.9447	-0.2848	0.7634	-0.1006	0.1579	0.38	-3.85E-09
468	1	-0.304	0.2232	0.7937	0.802	-0.6121			0.3285

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
469	1	2.293	3.24	0.5102	1.288	-0.9556		1.445	0.925
470	1	1.479	2.196	0.4164	0.8947	0.000625	-0.2009	0.7212	0.4112
471	1	-0.3664	-0.9192	1.031	-0.1104	-0.2745	0.584	0.1661	0.7361
472	1	-0.0025	-0.1153	0.2452	-0.2166	-0.06063	0.06789	0.33	0.29
473	1	0.6375	0.3747	0.5252	-1.017	-0.5406	-1.052	-0.67	-0.52
474	1	-0.307	-0.03977		0.699	-0.8951	-0.05656		0.2855
475	1	0.1977	-0.7951		-0.3963	-0.2004	-0.1019	0.7002	-0.08977
476	1	0.3988	0.7059	0.4364	0.8447	0.000625	0.1391	-1.699	-0.2388
477	1	-0.2977	0.3795	-4.37E-12	0.2682	-0.3558	0.1027		0.7848
478	1	0.3727	1.07	-0.06965	0.3786	0.3645	0.343	-0.1648	-0.3948
479	1	0.2253	-1.018	0.183	0.4212	0.8572	1.236	-0.1822	1.728
480	1	-0.1389	0.2383	-0.07121	-0.453	0.08297	-0.2885	-1.196	-0.05641
481	1	-0.7432	-0.656	0.2745	-0.8473	-0.2713	-0.8228	-2.381	-0.8907
482	1	0.6875	0.1747	-0.3748	-0.07656	-0.3906	-0.2721	-0.05	0.13
483	1	-0.03844	-0.01125	-0.5207	-0.5225	-0.1666	-0.828	0.04406	0.1041
484	1	0.1475	1.335	-0.1648	-1.237	-0.2106	-0.2221	-0.92	0.37
485	1	0.3275	0.5547	-1.115	-0.9366	0.2594	-0.5521	-0.04	0.04
486	1	0.1055	-0.6073	-0.3368	-0.2986	0.1773	-0.4141	-0.332	-0.03203
487	1	-0.3366	-1.479	-0.7489	-1.651	-0.2048	-0.9162	-0.2441	0.1359
488	1	-0.08375	-0.2266	-0.4861	-0.2878	-0.4419	-0.4534	-0.6613	0.3287
489	1	0.03328	-0.1295	-0.839	-1.061	-0.3948	-0.6663	-0.6842	0.5958
490	1	-0.3325	-0.09531	-0.2348	0.3934	-0.06062	-0.1221	-0.09	0.11
491	1	0.1014	0.1886	-0.0008984	0.2973	0.1933	0.7218	1.214	0.1839
492	1	-0.1319	0.2753	-0.3042	-0.1659	8.25E-09	0.1185	0.9506	0.1306
493	1	0.2064	0.6736	-0.2559	-0.1676	-0.4217	-0.4632	0.1389	0.02895
494	1	-0.8653	-1.718	0.03238	0.000625	0.3266	-0.2049	-0.06281	0.8772
495	1	-0.6974	-0.3802	0.3703	0.1086	-0.4155	-0.957	1.185	-0.3149
496	1	0.1653	0.8825	0.223		-0.3828	-0.6843		-0.3322
497	1	0.3575	0.8647	-0.004805	-0.2866	-0.3406	-0.6121		-0.13
498	1	-0.1239	-0.3067	-0.9162	0.002031	0.338	-0.07352	0.2586	-0.6614
499	1	0.2175	-0.04531	-0.1248	-0.5166	0.1794	-0.02211	-2.11	0.61
500	1	-0.2062	-0.4891	-0.8786	-1.12	-1.054	-0.3059	-1.444	-0.07375
501	1	1.101	1.448	-1.122	-0.4634	-0.7475	-0.739	0.4031	1.233
502	1	-0.0125	-0.5853	0.3752	0.1034	-0.3006	-0.1521	-0.73	-0.27
503	1	-0.2475	0.5697	0.2902	0.3484	-0.3556	0.7729		0.055
504	1	0.0523	-0.8705	-6.69E-12	0.7982	-0.2258	0.5427	-0.2552	0.6548

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Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
505	1	0.7575	0.9247	-0.0648	-0.05656	0.1094		0.2	-0.22
506	1	-0.1075	0.2397	0.0802	0.4484	-0.2956	-0.8071		-0.615
507	1	-0.3814	0.2558	0.2563	0.5245	-0.9595	-0.681		0.09109
508	1	-0.5225	-0.1153	1.255	0.003437		0.2879		-0.94
509	1	-0.2025	-0.6553	0.1352	0.2934	-0.7106	-0.2221	-2.65E-09	-0.11
510	1	-0.5025	-0.3253	1.165	0.3934	-1.411	0.2479		
511	1	-0.1725	0.8447	0.4852	0.6334	0.3494	-0.3621		-0.5
512	1	0.6225	-0.2603	-0.1998	-0.5316	0.8344	-0.01711	-0.255	0.295
513	1	0.5458	0.04297	-0.2065	-0.3383	0.6877	0.03617	-0.2017	0.1283
514	1	-0.2375	0.2997	-0.3498	0.9784	-0.6456	-0.5271	-0.015	-0.675
515	1	0.4631	-0.1397	-0.01918	-0.4809	-0.265	-0.3465	-0.2344	0.8556
516	1	-0.3947	0.0725	0.533	0.1413	0.7472	-0.4343	-2.232	-0.3322
517	1	0.5648	0.272	0.9825	0.1008	-0.5633	-0.07477	0.2473	0.08734
518	1	1.273	0.7403	0.3808	-0.9109	-0.925	-0.6065		1.216
519	1	0.7647	-0.008125	0.8524	0.000625	0.8066	1.335	0.007187	1.357
520	1	0.3075	1.525	0.8352	0.05344	0.09937	0.3279	0.31	1.02
521	1	0.01203	-0.8408	-0.9003	0.168	0.1539	0.7524	-0.6555	0.1645
522	1	0.1305	0.3677	0.03816	-0.1236	-0.9477		-0.807	-0.007031
523	1	-0.2314	-0.1242	1.826	-0.1554	1.851	0.959	-0.3789	2.051
524	1	-1.087	-0.9903	1.68	-0.3616	0.4544	0.6329	0.605	0.005
525	1	-0.1725	-0.3553	1.175	-0.3766	0.1394	0.5079	1.77	0.55
526	1	0.2331	-1.05	0.2708	-0.6809	0.085	0.5935	-0.03437	0.1056
527	1	0.4339	0.2311	-0.0484	-1.4	0.2658	-0.005703		0.8764
528	1	-0.3962	0.2909	0.04145	-0.9503	-0.3644	-0.06586		0.6662
529	1	1.728	2.475	0.2652	0.04344	-0.4606	-0.3121	-1.16	0.25
530	1	2.404	3.051	0.2818	-0.67	-0.1041	-0.5055		1.087
531	1	1.925	1.952	1.513	0.5513	0.05719	0.2857		-0.002188
532	1	0.5975	1.105	0.2052	-0.4066	-0.3906	-0.1221	0.25	0.13
533	1	-0.8366	-0.4095	0.1811	0.0193	-1.505	-0.6362	1.956	1.416
534	1	-0.5914	-0.8642	-0.9537	-0.5455	-0.8795	1.349	1.321	0.6011
535	1	0.001563	0.7087	0.009258	0.3975	-0.7666	-0.448		1.404
536	1	1.93	1.477	0.0476	-1.294	-0.5682	-1.28	1.172	0.9424
537	1	0.6306	0.7578	-0.9117	0.1966	-0.7675	-1.099	1.013	1.703
538	1	0.1688	0.846	-0.6235	-0.5852	1.861	0.2992	1.331	2.681
539	1	0.01164	-1.391	0.7493	-0.7324	-1.146	-0.618		0.2841
540	1	-1.334	-0.547	2.333	1.542	-1.662	-1.824	1.048	-1.272

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
541	1	-0.1925	-0.1353	0.0652	1.023	-0.8006		-0.09	1.47
542	1	-0.1331	-0.5759	-0.09543	0.4428	-0.4512	-0.7127	0.4694	0.6694
543	1	-0.3725	0.5747	-0.1348		-0.6606	-0.1921	0.84	0.93
544	1	-0.3653	-0.5781	-1.088	0.000625	-0.3334	0.5851	2.417	0.7772
545	1	-0.4825	-1.875	-1.795	-0.7066	-0.5706	0.1779	2.21	0.38
546	1	0.4975	0.6247	-0.3548	1.933	0.6394	-0.01211	2.54	0.9
547	1	-0.3953	-2.068	0.8224	0.3606	-0.6134	-0.3949	1.247	0.1872
548	1	0.2977	0.3649	0.07541	0.7137	0.2596	1.188	1.01	-0.6298
549	1	0.4153	1.582	0.803	2.001	0.2372	0.3557	0.4778	0.4278
550	1	0.3575	-0.3453	0.6952	0.9634	2.669	2.288	1.68	-0.8
551	1	-0.0975	-0.5603	0.3802	0.008438	1.174	1.993		0.425
552	1	0.06469	-0.6481	0.7224	0.000625	0.9566	0.4551		0.6672
553	1	2.118	2.165	0.3252	-0.1066		-0.7821		-0.43
554	1	1.689	2.056	-0.3337	0.8545	1.96	0.309	0.04109	-0.1289
555	1	0.7175	1.465	0.7752	1.343	0.7594	1.348		0.99
556	1	1.403	2.03	0.6202	1.028	0.5144	0.4529	-0.055	0.995
557	1	1.493	2.85	0.5802	0.6584	0.9844	0.7029	-1.195	0.155
558	1	0.4275	0.8747	-0.5248	0.4934		-0.7421	1.09	-1.04
559	1	-0.3504	-0.03316	0.4873	0.5356	-0.07848	0.1	0.6021	-0.4879
560	1	0.7581	-0.4447	0.7558	0.4941	-0.48	0.4185		0.7506
561	1	-0.7325	0.2647	0.6752	0.3334	-0.7106	-0.2721		-0.42
562	1	-0.3025	-1.435	0.8852		-0.8606			
563	1	-0.2722	0.455	1.136	0.02375	-0.4903	-0.2218		-0.07969
564	1	-1.48	-1.443	0.8575	0.6257	-0.3884	-0.2098	-1.418	-0.4177
565	1	-0.2631	0.2541	1.185	0.7628	-0.1713	-0.1427		0.05937
566	1	-1.271	-0.8242	0.5263		-0.4495	-0.591		
567	1	-1.094	0.8934	0.3639	0.1122	-1.222	-0.6234		-0.2513
568	1	-0.3153	-0.9181		0.000625	-0.1134	-0.6849	0.2372	0.4272
569	1	-0.3009	-0.2638	1.007	-0.195	-0.7991	-0.7405		0.7216
570	1	-0.6294	0.7278	0.5583	0.7566	0.0425	-1.459	0.4531	0.2831
571	1	-0.1622	0.585	0.7355	-0.1563	0.1097	0.8182	0.4903	-0.04969
572	1	-0.4864	0.2908	0.6913	0.1195	-0.7445	0.04398		-0.2439
573	1	0.0309	1.398	0.7686	0.03684	-0.3572	0.4013		-0.3866
574	1	-0.2046	1.023	1.603	0.5414	-0.5427	-0.05418		-1.032
575	1	-0.6662		1.311	-0.5603		0.04414		-0.4838
576	1	-0.4517		-0.02404	0.4842	-1.07	1.109	-0.5592	-0.09924

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
577	1	-0.3025	0.5347		0.4534	-0.2106	0.02789	0.04	-0.3
578	1	-0.5555					-0.2852		-0.493
579	1	-0.9464			1.89	-1.645	1.094		
580	1	-0.8325	0.2747	0.5652	0.1634	-0.6706	0.1179	-0.29	-0.92
581	1	-0.5253	-0.2681	0.2324	0.000625	-0.01344	-0.2549	-1.043	0.1272
582	1	-0.1169	-0.9297	0.6308	0.2791	-0.025	0.4435		0.09562
583	1	0.6475	0.7847	-0.8148	0.3434	-1.261	-0.08211	-2.09	1.19
584	1	-0.4825	0.4547	0.5352	0.4234	0.7794	-0.04211	-1.1	1.58
585	1	-0.6919	-0.8947	0.8058	0.1741	0.03	-0.3315	0.4306	-0.5894
586	1	-0.7294	-0.9122	0.3783	-0.2334		0.161	-0.6669	0.08312
587	1	0.0775	0.3347	0.2752	-0.3966	-0.3706	0.3179		0.5
588	1	-0.7644	-0.6372	0.1733	-1.418	-0.0025	-0.114	-0.2019	-0.3919
589	1	0.1807	0.07793	0.8184	-0.09332	-0.6074	-0.6889	-1.047	-0.3168
590	1	3.393	1.34	0.6208	-0.3709	-0.235	-0.6265		2.406
591	1	1.023	-0.02953	1.021		0.3152	-0.1063		0.7458
592	1	3.033	2.66			1.024			-0.1249
593	1	2.302	2.739	-8.44E-12	1.108	-2.716	-0.0773	-4.405	2.175
594	1	-0.002266	0.7549	-0.2246	-0.3163	-0.5404	0.02813	4.01	0.1702
595	1	-0.6631	-0.8459	0.8146	0.7528	-0.1613	-0.5427	2.639	1.419
596	1	-0.8312	0.5659		1.275	0.000625	1.509		0.1212
597	1	-0.2425	0.1847	0.6752	0.9434	-0.8306	0.1979	-0.01	0.06
598	1	0.4425	-0.1503	-0.2398	-0.2716	-0.1656	0.4829	0.735	-0.045
599	1	-0.6225	-0.9053	0.5352	0.6234	0.2694	2.068	0.89	1.12
600	1	-0.2525	-0.6953	-0.5748	0.3734	-0.6406	0.9179	-0.29	0.09
601	1	0.3498	-0.453	-0.3525	-0.5043	0.3416	0.1002	0.2723	0.3823
602	1	-0.03695		-0.3193	-1.181	-0.3351	0.6334	0.9655	
603	1	1.453	-0.5603	0.7302	-0.4916	-0.3456	0.7229		0.735
604	1	0.0975	-0.8453	0.3752	0.2034	0.5594	1.148	0.22	0.67
605	1	0.5775	-2.505	-1.795	-1.137	-0.2306	-0.05211	3.44	-1.29
606	1	0.4133	-2.389	-0.879	-1.971	0.5652	0.1637	5.276	-1.174
607	1	0.705			-0.3891	0.6469	0.3354	1.738	-1.072
608	1	0.8542	-0.8686	-1.498	-1.8	0.4461	0.3246	1.497	-1.553
609	1	0.452	-1.661	-2.19	-1.262	0.6539		2.575	-2.585
610	1	1.633	-1.5	-2.469	-2.431	0.675		2.536	-1.974
611	1	1.276	-2.027	-2.296	-2.638	0.5981	-0.2234	2.469	-1.871
612	1	-0.426	-0.8188	-1.078	-1.27	0.1559		0.09648	-1.414

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
613	1	-0.8753	0.7419	-1.158	-1.309	-0.2634		0.2672	-2.233
614	1	-0.5896	1.178	-0.5019	-0.9537	-0.1477	-0.9092	0.3429	-1.117
615	1	0.6686	-0.7042	-0.8137	-0.9855	0.4905		0.4211	-0.1689
616	1	-0.07215	0.03504	-1.764	-1.106	0.2497	-0.6818	1.77	-2.45
617	1	0.03688	0.03406	-1.595	-1.117	0.2887	-1.113	1.919	-2.341
618	1	0.3975	0.05469	-0.9848	-1.047	-0.3706	0.3979	1.94	-1.72
619	1	0.1775	-0.3353	-0.9248	-0.1966	-0.1906	-0.08211	0.12	0.32
620	1	0.4488	0.4559	-0.4736	-0.5053	0.000625	0.9091	-0.1088	1.341
621	1	-0.1475	-0.0003125	1.08	-0.1716	-0.05562	0.1529	1.245	-0.085
622	1	-0.1666	0.3705	1.011	-0.1407	-0.7948	-0.2762		0.9059
623	1	2.21	1.887	0.4574	0.1756	0.7816	1.66	-0.07781	0.3522
624	1	0.2363	-0.7866	1.344	0.5522	-0.5819	0.1866	-0.6913	0.5187
625	1	0.3333	-0.01949	0.871	0.6393	-0.2648	0.2337		0.9658
626	1	0.4625	-1.2	-0.0198	-0.8716	-0.8156	0.3129		-0.135
627	1	-0.5625	-0.9053	-0.6348	0.3734	0.6894	1.378	0.76	-0.28
628	1	1.038	-0.01531	-0.1048	-1.217	-0.07062	0.01789	-0.04	0.56
629	1	0.645	0.04219	-0.2673		0.2169	0.9254	-0.4425	-0.0725
630	1	0.03984	-0.263	0.8575	2.086	-0.3083	0.06023	-0.09766	-0.5977
631	1	-0.2994	1.028	0.5083	-0.4434	0.0225	0.381	0.2931	-0.1469
632	1	-0.8162	-0.5291	0.7414	0.2397	-0.2944	0.5941		-0.5038
633	1	0.3376	-1.465	1.065	-0.03648	-1.571	1.888	0.5301	
634	1	-0.2125	-0.2453	0.8652	0.2634	-1.051	1.488		-0.29
635	1	-0.005117	0.2121	1.123	1.461	-1.173	-0.2447		-0.1126
636	1	-0.4814	0.08578	0.8163	1.545	-0.1495	1.169		-0.9289
637	1	-0.0525	-0.4553		0.3834	0.05938	0.3579	0.73	0.31
638	1	-0.2697	-0.5825	0.508	-0.2738	-0.4878	0.0007031		-0.3872
639	1	-0.8462	-0.1891	1.251	1.95	0.005625	2.114		-0.1638
640	1	-0.1994	-1.262	0.7583	-1.303	-0.1175	0.08102	0.7831	-0.3169
641	1	-0.3332	-0.446	0.7145	1.543	-0.9813	0.9772	2.009	-0.3607
642	1	-0.1825	0.3147	1.835	1.543	-0.5306	0.8179		0.55
643	1	0.1463	-0.3866	0.3539	-0.4178	-0.2219	0.05664		-0.09125
644	1	0.5369	-2.536	0.1146	0.002813	0.2688	0.9573	1.999	0.5194
645	1	0.3061	-0.4067	0.5138	0.312	0.798	0.6565	1.139	0.8886
646	1	-0.00375	0.1434	-0.01605	-0.1378	-0.02187	0.1066	0.05875	-0.01125
647	1	-0.8273	-0.6702	-0.7896	1.129	-1.475	-0.917	-1.845	0.05516
648	1	0.1575	-0.9853	0.1552	1.703	-0.7306	-0.7721		0.11

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
649	1	-0.1525	-0.7853	-0.1848	0.08344	0.4294	0.6379	0.8	-0.09
650	1	-0.5964	-1.309	0.9013		0.5755	0.464	1.086	0.3961
651	1	-0.48	-0.02281		-0.6141	-0.9681	-0.6596	-0.4175	-0.8275
652	1	-1.107	-0.8696	-0.07904		-1.935	-1.496	-1.254	-1.554
653	1	-0.6536		1.754		0.08828	0.4368	0.8289	0.04891
654	1	0.2972	0.7444	1.405	0.5631	-0.4909	-0.1024	-0.04031	0.1597
655	1	-0.3825	-0.8553	-0.1148	-0.2466	0.2194	-0.02211	-0.23	-0.38
656	1	-0.7094	-0.8922	0.7183	0.4266	-0.1675	0.401		-0.7069
657	1	0.0625		0.0102	0.7984	0.5344	-0.5571	-0.055	-0.675
658	1	0.03875		1.176	0.6747	0.4406	-0.2809		0.2912
659	1	0.3411	-0.001719	-0.2312	-0.05297	-0.127	-0.3085	0.07359	0.3036
660	1	0	-0.6428	0.6477	0.1659	-0.7481		-1.978	0.5425
661	1	0.7109	-0.9219	1.539	-0.2131	-0.3772	-0.04867		1.153
662	1	-0.01625	-0.1291	-0.3086	-0.2703	0.4456	-0.2859	-0.6438	0.01625
663	1	-0.5278	-0.04063	0.06988	1.478	-1.436			1.155
664	1	-0.165	-1.348	0.2927	0.3509	-1.053	0.1054		1.328
665	1	-0.4095	-1.072	-0.1218	1.126	0.05242	-0.4191	0.213	-0.177
666	1	-0.5125	0.1947		1.293	-0.08063	0.09789		0.27
667	1	-0.4325	-0.3053	1.255	1.603	-0.5206	-0.2021		
668	1	-0.385	0.5122	0.8827	0.8009	0.05688	0.5454	-1.142	-0.1525
669	1	-0.4696	-1.022	-0.01186	0.9664	-0.1677	-0.2292	0.2629	0.02295
670	1	0.4475	-1.385	-0.0348	1.253	-0.4406	-0.9121	0.21	0.33
671	1	-0.678	-0.0007812	-0.3303	1.658	-0.5661	-0.7176		
672	1	-0.1202	-0.823	1.617	2.136	-0.7684	-0.3698	-1.058	-0.05773
673	1	-0.6714	-0.2142	0.1363	0.4245	-0.6695	-0.351		0.03109
674	1	-0.2925	-0.08531	0.6952	1.843	-0.1006	-0.4821		-0.42
675	1	-0.7447	-1.908	-0.04699	-0.6087	-0.2628	-0.6743		
676	1	-0.6125	-0.8853	0.0852	-0.2566	-0.1306	0.08789	0.57	-0.17
677	1	-0.5487	-1.072	0.1289	0.2672	-0.006875	0.2116	0.04375	0.09375
678	1	-0.8725	-0.7253	0.2352	-0.8066	-0.000625	0.2679	-0.34	0.55
679	1	-0.0225	0.5047	0.3652	0.6134	-0.8406	-0.7321		0.84
680	1	-0.0275	1.18	0.5602	0.6184	-0.1656	-0.3171		0.225
681	1	0.5053	-1.328			-0.8228	-0.6243	0.09781	
682	1	-0.6764	0.4908	-0.9987	-0.8105	-0.9045	-0.286	-1.644	-0.6539
683	1	-0.8902	0.347	-0.1625	-0.2943	-0.1584	0.06016	0.2323	-0.4577
684	1	-0.3125	0.7747	1.325	0.7534	-0.5906	-0.5021	0.09	0.58

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
685	1	0.03625	0.5234	-0.4461	1.212	-0.07188	0.1566	0.3187	-0.2313
686	1	-0.2837	0.7334	0.06395	0.3922	0.1581		0.5887	-1.371
687	1	-0.4425	0.5647	-0.4448	0.8134	-0.04062	0.3479	0.04	-1.01
688	1	-0.6825	-1.335	0.0952	0.04344	-0.6506	-0.5021	-0.71	-0.05
689	1	-0.6553	1.012	-0.2476	-0.8594	-0.3034	-0.1649	0.2772	-0.4728
690	1	-0.1066	1.611	0.4711	0.6493	-0.3548	-0.3262	-0.6941	0.3259
691	1	-0.4437	-0.5866	0.4939	0.2522	0.1281	0.1466		-0.2313
692	1	-0.8522	0.585	0.3055	-0.4763	-0.7803	-0.7418	-0.4297	-0.6397
693	1	-0.4502		1.537	-0.1443	-0.6184	-0.1798	-0.5577	-0.6177
694	1	0.9334	0.3906		-0.3606	-0.05469	-0.3162		-0.6241
695	1	0.3238	0.02094	-0.6686	-0.09031	-0.09438		-0.05375	-0.7838
696	1	-0.3437	-0.1666	0.9139	-0.2478	-0.4419	-0.7134	-0.7513	0.2987
697	1	1.05	0.6269	0.5474	0.2956	-0.7284	-0.3399	-0.4078	0.1022
698	1	0.4905	-0.2923	0.3282	-1.074	0.8524	0.4809	-0.677	-0.217
699	1	0.1775	1.045	-1.105	-0.5766	-0.06063	-0.7321	0.78	-1.16
700	1	0.08406	0.2012	0.5918	0.22	0.2059	-0.03555	0.3366	-0.4234
701	1	0.7911	0.8983	-0.4412	-0.703	0.913	0.4615	-0.3664	0.1136
702	1	3.049	0.1758	-0.01371	-1.655	-1.36	-1.051	0.01109	-2.099
703	1	2.939	-0.01406	0.8864	-2.605	-1.349	-0.4409	0.4713	-0.8087
704	1	-0.3475	-1.1	1.19	0.2184	-0.6856	-0.2671	0.515	0.455
705	1	0.1736	-1.129	1.071			-0.396	-0.5739	2.216
706	1	-0.3822	0.205		0.9637	0.02965	0.1982	-0.1197	0.2503
707	1	-0.8402		0.09746	0.0357	-0.3084	-0.3298	-0.6877	0.3523
708	1	0.3325	1.04	1.05	1.078	0.7044	1.843	1.615	0.295
709	1	-0.5866	0.08062	0.7611	-0.06062	0.2853	1.164	0.1559	0.1059
710	1	-0.4847	-0.1675	0.683	0.2912	0.2772	-0.0843		0.7278
711	1	-0.6968	0.1104	1.151	0.3591	0.2251	-0.006406	-0.6843	0.5857
712	1	-0.4063	0.1309	1.281	-0.05039	0.005547	-0.5059		0.5262
713	1	-0.287	1.23	0.2607	0.359	0.2349	0.1234	0.2755	-0.6445
714	1	-0.2244	0.5328	0.5433	0.5116	0.6375	0.586	0.1081	-0.4419
715	1	-0.3725	1.185		0.3234	-0.3506	0.2079		-1.38
716	1	-0.1254	0.5218	0.5023	0.05059	0.2765	0.455	-1.453	-0.1329
717	1	-1.359	-0.9816	0.1989	-0.002813	-0.8669	-0.9384	-1.366	-0.3663
718	1	-0.6337	-0.5966	-0.1561	0.9922	-1.222	-0.1934		0.5987
719	1	0.2425	0.6997	0.3302	0.3884	0.004375	0.1529	0.685	0.235
720	1	-0.4425	-0.3653	-0.2948	0.03344	-0.5506	-0.8221	1.29	-0.16

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
721	1	-0.6875	0.1897	0.2202	-0.3416	-0.6856	-0.8771	-0.385	-0.715
722	1	-0.3728	-0.04563	-0.3351	0.02313	0.2691	0.3576	0.3097	-0.1303
723	1	-0.2125	-0.2153	-0.2748	0.7134	-0.6806	-0.1821		0.78
724	1	-0.9331		0.3646	0.04281	-0.5112	0.03727		0.4394
725	1	-0.3925	0.9847	0.6252	0.4634	-0.3006	0.5879		
726	1	-0.1498	0.1473	-0.2821	0.2761	-0.128	-0.1295	0.1127	0.1727
727	1	-0.575	0.1922	0.2527	-0.1991	0.1169	0.02539	-0.6025	-0.1025
728	1	-0.5268	0.3504	0.9309	0.9891	-1.435	-0.2164		
729	1	-1.23	0.4675	0.178		-0.3678		-0.3872	-0.3972
730	1	-1.458	-0.7409	-1.16	-1.562	0.4237	-0.04773	-1.626	
731	1	-0.3025	0.1147	0.0852	-0.4766	0.2294	-0.5121	0.42	0.39
732	1	-0.2084	-0.5212	-0.1907	0.2976	-0.03648		-1.676	0.2341
733	1	-0.1825	0.1447	0.9352	-1.047	-0.06063	-0.3921		-0.06
734	1	-0.5798		0.3979	-0.3439	-0.968	-1.069	-3.147	-0.7073
735	1	-0.1074	0.2598	-0.09973	0.1885	-0.3155	0.183	0.5351	-0.08492
736	1	0.1872	-1.696		0.6831	0.04906	0.7676	1.54	0.7197
737	1	0.8366	0.7138	0.1343	0.7226	-0.5915	-0.253	-0.3409	-0.5109
738	1	0.5375	0.6147	0.6252	-0.1766	0.3594	-0.09211	-0.9	-0.03
739	1	-0.06687	0.09031	0.01082	-0.5309	-0.175	-0.4065	-0.6444	0.9056
740	1	0.2831	-0.1997	-0.5092		0.885	1.104	0.4056	0.4556
741	1	0.1056	-0.2072	0.2033	0.06156	0.0475	-0.08398	-0.8319	-0.03188
742	1	0.0575	0.6147	0.3752	-0.07656	-0.3306	-0.8721	0.23	0.01
743	1	0.1375	-0.1953	-0.1948	-0.3166	0.009375	-0.4221	1.4	0.45
744	1	-0.04	-0.1828	0.1877	0.4859	1.362	1.51	0.0225	-0.3175
745	1	0.6338	-0.3191	-0.1486	0.01969	0.1656	-0.4559	-0.6337	0.1563
746	1	-0.3967	0.08051	-0.529	0.1393	0.2752	0.2037	1.406	0.1158
747	1	-0.455	0.02219	-0.2573	0.5909	-1.193	-0.7646		-1.392
748	1	-0.8314	-1.204	-0.4937	0.05453	-1.21	-1.151	1.061	0.6711
749	1	-0.7361	-1.239	-0.4584	-1.19	-0.2342	0.0243	0.5464	-1.354
750	1	-0.4751	-0.8579	0.0126	-0.5892	-0.01322	0.5753	0.6874	-1.063
751	1	0.2687	-1.794	-0.9236	-0.9654	0.3305	0.1291	0.3612	0.2912
752	1	0.055	0.5022	0.1927	-0.1591	0.1869	0.2354	0.0575	-0.1425
753	1	0.3654	0.6925	1.183	1.921	0.5572	0.4857	0.6579	-0.07215
754	1	0.1742	0.6714	-0.1681	-0.6298	0.2161	0.1946	0.006719	-0.7433
755	1	-0.1358	0.3314	-0.08809	0.4302	1.016	0.1746	0.05672	-0.5933
756	1	-0.1375	-0.0003125	-0.5598	0.1784	0.1744	-0.08711	0.115	0.255

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
757	1	-0.009609	0.5576	-0.6319	-0.6037	-0.2977		-0.3471	-0.1771
758	1	0.6231	-0.7197	-0.5092	-0.3909	-0.035	0.2935	0.3256	0.1656
759	1	1.038	-1.045	-0.9948	2.103	-0.6606	-0.9721	-1.37	3.67
760	1		-0.537	0.03348	1.252	0.2377		1.118	0.02828
761	1	-0.305	-0.2678	0.8327	-0.7791	-0.7931	0.08539	-0.0225	-0.3625
762	1	-0.4025	0.2147	-0.1648	-0.5566	-1.171	-0.7221	0.02	0.02
763	1	-0.5562	-0.6591	-0.2186	0.3097	-0.4744	0.7641	1.206	-0.9437
764	1	0.4455	-0.2173	-0.03684	0.1214	-0.4227	-0.1741	0.268	-0.692
765	1	-0.1958	0.03141	-0.2181	0.3002	-0.4539	-0.4654	-0.1033	-0.2833
766	1	-0.3653	-0.1481	0.6224	-0.7394	0.1166	-0.5749	-1.343	0.2672
767	1	0.3475	-0.06531	2.265	1.053	0.1694	0.7379		1.29
768	1	0.3472	0.4744	2.465	1.993	0.2691	0.4876		1.56
769	1	-0.3925	-0.2753	-0.5748		1.019	-1.122		-0.16
770	1	-0.1181	-0.5909	1.02	-0.08219	0.2638	0.4123	0.1544	0.004375
771	1	2.373	1.12	-0.06918	-0.06094	-1.375	-0.6165	0.02563	-0.3044
772	1	2.493	2.79	0.4008	0.01906	0.005	-0.3465	0.5256	1.696
773	1	-0.3375	1.1	0.2502	1.248	-1.026	-0.09711		
774	1	-0.025	0.5222	0.3927	1.081	-0.09312	0.5254		0.2375
775	1	-0.405	-0.4178	-0.1273	-0.3991	-0.02312	-1.285	-0.8325	0.4275
776	1	1.035	0.9527	0.2832	0.02141	1.167	0.4659	0.298	
777	1	0.6775	1.725	0.0952	-0.04656	0.7194	0.8179	0.2	-0.55
778	1	-0.2475	-0.9903	-0.8098	0.2684	-0.1856	-0.1971	-0.035	0.225
779	1	-0.005234	1.032	0.3625	0.4707	0.5266	1.265	-0.5527	-0.5527
780	1	-0.00375	-0.3466	-0.6261	-0.8578	0.1181	-0.5334		-0.3213
781	1	0.06336	1.001	0.05105	1.329	0.2752	0.5238	1.266	-0.2341
782	1	-0.3188	0.1284	0.5889	0.5371	0.473	0.6216		-0.1263
783	1	-0.3809	0.3763	0.2068	-0.03492	0.381	0.02953	0.6216	-0.1384
784	1	-0.4757	-0.5885	-0.01803	0.9202	0.2462	-0.3053	1.047	0.4368
785	1	-0.5125	0.7847	-0.004805	0.3434	-0.7106	1.228		0.81
786	1	-0.0175	-0.1603	-0.2698	-0.2116	-1.346	-0.9271	0.225	-0.375
787	1	-0.1467	-0.3695	-0.239	-0.07078	-0.004844	-0.09633	-0.2142	-0.3442
788	1	-1.105	-0.1175	-0.05699	0.8912	-0.5328	-0.1543		0.04781
789	1	0.0975	0.7447		0.2634	0.5594	0.7679	0.1	-0.28
790	1	-0.5425	0.1047	0.3652	-0.03656	-0.6106	0.06789	-0.55	-0.08
791	1	-0.3202	-0.533	-0.4025	0.2957	-0.2284	-0.2998	-0.8177	0.2823
792	1	-0.3652	-0.488	-1.007	-0.2592	-0.6633	-0.4848	-0.2227	-0.4127

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
793	1	-1.556	-1.719	-1.739	-0.5505	0.9355		2.786	-0.2139
794	1	-0.8175	-0.2503	-1.39	-0.8816	0.2344	-0.3271	0.315	-0.125
795	1	-0.3825	-0.9953	-0.2348	0.2634	-0.3306	-0.2021	0.1	-0.15
796	1	0.2938	0.4709	0.2714		-0.01438	-0.3159	0.1362	0.4962
797	1	-0.1925	-0.1253	0.1152	-0.1466	0.2794	0.07789	-1.07	0.03
798	1	-0.6997	-1.403	-0.832	-0.6738	-0.2278	0.0007031	-0.3772	-0.4972
799	1	-0.7614	-1.164	-0.3137	0.5445	0.1605		-0.008906	0.02109
800	1	-0.3461	0.3811	0.0816	0.2198	-0.7442	-0.005703	-0.1536	0.1264
801	1	-0.2512	-1.274	-0.07355	-0.3953	0.000625	-0.1009	0.1212	-0.07875
802	1	0	-0.4328	-0.8323	-0.3141	-0.1281	-0.4396	1.242	-0.0675
803	1	-0.7825	-1.645	-0.1148	-0.05656	0.2894	-0.2421	-0.2	-0.72
804	1	-0.8955	-0.7584	0.4521	-0.009609	-0.02367	-0.7252	-1.313	-0.243
805	1	-0.01695	-0.2498	-0.9293	-0.281	0.3249	-0.06656	0.4255	-0.1745
806	1	-0.0625	0.03469	-1.045		0.1194	-0.2521	-2.65E-09	-0.11
807	1	-0.2247	0.1425	-0.357	0.4212	0.1572	-0.004297	-1.032	-0.1122
808	1	-0.1069	0.3903	-0.2292	0.2791	-0.115	-0.04648	-0.3344	-0.2944
809	1	0.2675	0.7147	-0.8048	0.1534	-0.2906	-0.1721	-0.2	-0.2
810	1	-0.1597	-0.0825	-0.03199	-1.324	0.8022	0.0007031	-0.6972	-0.3172
811	1	-0.2014	0.2058	0.006289	0.5445	-0.5395	-1.191	-0.9689	-0.1389
812	1	-0.2237	0.2834	-0.05605	-0.7078	0.04812	-0.6634	1.449	0.1287
813	1	-0.6075	-0.1303	0.1802	0.9984	-0.4256	-1.027		
814	1	-0.3664	-0.1692	-0.06871	0.2795	0.1855	0.364	1.676	0.5261
815	1	-0.0075	0.2597		0.8384	0.2644	0.4729		0.705
816	1	-0.3819	-0.03469	-0.05418	-0.2759	0.22	-0.5015		-0.7094
817	1	0.1125	0.4397	-0.0198	-0.6516	-0.4656	-0.7171		-0.195
818	1	-0.5694	-0.5322	-0.4517	-0.1334	0.1925	-0.409		-0.6169
819	1	0.1363	-0.1466	0.03395	0.8122	1.218	0.3466	-0.3113	-0.3113
820	1	-0.4451	-0.02791	0.0226	-1.069	0.3268	-0.1747	0.7574	-0.3326
821	1	-0.8314	-2.114	-0.7037	-0.7855	-0.3395	-0.961		-1.409
822	1	-0.2225	-0.2753	-0.2448	0.03344	0.1194	0.08789	-0.53	-0.05
823	1	0.02242	0.3196	0.04012	-0.01164	0.0843	-0.4772	0.08492	-0.1351
824	1	-0.05687	0.8303	0.4208	-0.4209	0.035	0.3135	-0.3144	-0.6744
825	1	0.1739	0.5411		-0.3401	-0.5042	0.1643	0.1364	-0.2436
826	1	-0.4195	0.1777	-0.4018	-0.8935	0.2624	-0.4091	0.743	0.02305
827	1	0.1469	0.5241	-0.2454	-0.9572	0.1987	-0.8927	-0.2506	-0.6106
828	1	-0.2563	0.4508	0.001348	0.02959	0.01553	0.07404	1.646	-0.1338

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
829	1	-0.1142	-0.587	-0.04652	-0.2683	0.07766	0.4262	-0.05172	-0.1017
830	1	-0.6895	0.8877	0.7582	-0.04359	-0.2977	1.231		-0.327
831	1	-0.4041	-0.07695	0.9436	-1.078	-0.1823	-0.4437		-0.01164
832	1	-0.04805	0.9491	0.4396	0.05789	0.5138		-0.3555	0.4245
833	1	-0.47	0.8372	-0.7323	0.5059	-0.2181	0.04039	0.4625	-0.0275
834	1	-0.6009	-0.4637	-0.09316	-0.4949	0.231	-1.23	-0.9784	-0.9784
835	1	-0.4656	0.4516	0.3621	-0.03969	0.1263	1.775	-0.08312	-0.6631
836	1	-0.1286	0.1986	-0.2509	0.1573	0.08328	0.001797	-0.006094	-0.5261
837	1	-0.0168	0.2704	0.1109	-0.1709	0.2151	-0.2064	-1.084	0.3257
838	1	-0.6725	-1.145	-0.4048	-0.7966	-0.05062	-0.3521	-0.61	-0.36
839	1	-0.4725	-0.2053	-0.3048	0.2734	-0.02063	-0.7321	0.02	0.06
840	1	-0.8974	-1.04	-0.2397	0.3485	-0.3155	-0.627		-0.05492
841	1	-0.6675	-0.1003	-0.3898	0.2884	-0.1756	-0.4571	0.585	-0.295
842	1	-0.6025	-0.5653	-0.3348	-1.087	-0.4406	-0.9221	0.79	0.02
843	1	-0.5482	-0.571	-0.4105	-0.5023	-0.4563	0.002187	-0.005703	-0.6857
844	1	-0.5222	-1.145	-0.3645	0.1437	-0.3803	-0.5118	-0.1497	-0.3197
845	1	-0.3252	-0.598	-0.2575	0.3208	-0.4333	-0.3648	-0.08266	0.1073
846	1	-0.6447	-0.0475	-0.06699	0.5013	-0.2128	-0.2943	-0.1822	0.6978
847	1	-0.05125	0.4859	-0.4036	0.4047	0.000625	0.2591	-0.3088	0.5112
848	1	-0.3842	-0.497	-0.04652	-0.8883	-0.7123	-0.7938	-1.242	-0.1517
849	1	0.2375	0.3847	0.2952	-0.07656	0.3294	-0.8621		0.17
850	1	-0.2725	-0.2353	0.1652	-0.2766	0.1494	-0.4321	0.46	0.17
851	1	-0.525	-0.8078	-0.4073	-0.3191	-0.6331	-0.4546	0.3375	0.0275
852	1	-0.5425	-0.5053	0.0952	0.003438	-0.2106	-0.7321	-0.48	0.14
853	1	-0.1137	0.3734	-0.1261	-0.9678	0.4281	-0.9534	-1.231	-0.3613
854	1	-0.1259	-0.00875	-0.1982	-0.42	0.2259	-0.7955	-1.703	-0.1534
855	1	-0.1037	0.06344	0.1639	-1.388	0.3481	-0.6434	-0.5312	-0.7312
856	1	0.09375	0.4909	0.1114	0.1997	0.1556	-0.08586	-0.1238	-0.01375
857	1	-0.3025	0.8047	0.1752	-0.1966	-0.2106	0.4279		-0.63
858	1	-0.7525	-0.3953	-0.2748	0.1534	-0.7606	-0.5821	0.66	-0.79
859	1	-0.4244	-0.1872	-0.6467	0.06156	-0.1925	-0.01398	1.658	-0.9819
860	1	-0.2775	-0.5903	-0.1998	-0.1716	0.3344	-0.7271	-0.495	-0.415
861	1	-0.3575	-0.0003125	-0.0198	-0.1716	0.1244	-0.08711	0.285	0.025
862	1	-0.1269	0.4403	0.1008	-0.2009	-0.035	0.02352	0.8456	-0.5344
863	1	-0.2253	-0.7081	-0.02762	0.000625	0.5866	-0.7749	0.7372	-0.2928
864	1	-0.3175	-0.3403	-0.2998	-0.1516	-0.2856	-0.8271	-0.195	-0.515

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
865	1	-0.1814	-0.07422	0.05629	-0.005469	-0.2595	-0.621	-0.3889	0.03109
866	1	-0.2347	0.0825	-0.167	0.1012	0.08719	-1.014	-0.1222	-0.7822
867	1	-0.1416	0.5656	0.2661	0.2544	0.3403	1.419	0.2109	-0.2191
868	1	-0.03937	0.5578	0.1583	-0.3734	0.3925	0.331	-0.2969	-0.2969
869	1	-0.4497	0.3875		0.2162	0.1322	0.0007031	0.03281	-0.1172
870	1	-0.4297	0.5075	-0.232	-0.05375	-0.2378	0.4607		-0.6872
871	1	-0.2809	0.2263	0.6168	-0.5549	0.231	-0.01047	-0.06836	-0.06836
872	1	-0.2162	-0.4891	-0.5886	-0.3303	-0.1944	-0.7559	-0.08375	-0.3037
873	1	-0.7525	-0.7953	-0.4148	-0.2666	-0.08062	0.4379	0.92	-0.31
874	1	-0.523	0.2241	-0.5754	0.6929	-0.3512	-0.03266	0.7595	-0.1805
875	1	-0.545	0.03219	0.1827	-0.4391	-0.3331	-0.2746	1.608	-0.9425
876	1	-0.4225	-0.2753	-0.2248	0.2534	0.7994	-0.01211	-0.36	-0.57
877	1	-0.1142	-0.127	-0.2465	-0.7783	1.338		0.3783	-0.3217
878	1	0.0075	-0.5153	-0.1548	-1.387	1.119	0.2779	0.23	0.03
879	1	-0.4587	-0.02156	0.2689	-0.4128	0.5431	-0.5084	0.04375	-0.5762
880	1	-0.1977	0.2895	-1.02E-11	-0.9418	0.8242	-0.4973	-0.8852	-0.1652
881	1	0	0.2972	-0.1723	-0.4141	0.7419	-0.2996	-0.1275	-0.5575
882	1	-0.2564	-0.1192	-0.09871	0.2695	0.4855	0.504	-0.1439	-0.5139
883	1	-0.5352	0.222	0.1025	0.8108	0.2767	-0.1048		-0.3427
884	1	0.04563	0.1828	-0.1567	0.3016	0.6175	-0.244	-0.1719	0.008125
885	1	-0.2302	-0.413	0.1575		0.1916	-0.3698	2.152	
886	1	-0.3814	-0.5442	0.06629	0.2845	0.2505	-0.241	-0.1989	0.3111
887	1	-0.61	0.04719	0.0877	0.4259	-0.4681	0.7304	-0.6475	-0.6975
888	1	-0.7737	-1.277	0.5239	0.1822	0.3981	0.01664	-0.3213	-0.2513
889	1	-0.4389	-0.3017	1.019	0.187	0.493	0.1115	-0.3764	-0.1764
890	1	-0.4684	0.3388	-0.07066	0.1676	0.1535	0.05203	-0.07586	-0.1159
891	1	-0.1442	-0.497	-0.1265	0.2117	-0.05234	-0.2638	0.5283	-0.01172
892	1	-0.1236	0.3436	0.0341	0.6323	0.03828	0.0368	-0.3311	0.2289
893	1	0.009844	-0.373	0.4075	-0.5942	-0.02828	-0.3098	-0.6377	0.2223
894	1	-0.38	-0.3428		-0.5441	0.3919	-0.5796	1.813	-0.2475
895	1	-0.4612	-0.2541	0.5264	-0.4153	-1.369	-0.07086	-1.179	-0.3387
896	1	-0.01727	0.4699	0.4504	-1.131	0.3146	-0.8969	0.01523	0.04523
897	1	-0.4336	-1.116	0.5241		0.03828	0.1668	0.1489	-0.1911
898	1	0.1286	-0.9142	1.196	-0.8455	0.6605	-0.221	-1.089	-0.5689
899	1	-0.3625	-1.035	-0.3448	0.3534	0.6894	0.2279	-0.39	-0.26
900	1	-1.302	-0.08531	-0.2348	-0.1466	-0.1106	0.2779	1.01	-1.24

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
901	1	-0.6839	0.5333	-0.04621	-0.338	-0.302	-0.07352		-0.8414
902	1	-0.05141	-0.2342	-0.3437	-0.4455	0.5205	0.259	-0.8789	-0.1689
903	1	-0.4837	-0.3866	-1.046	0.1722	0.02812	0.05664	-0.3013	-0.9213
904	1	-0.4031	-0.2659	-0.6954	0.5828	-0.1113		0.4494	-0.6506
905	1	-0.5525	-0.5153	0.7552	0.7834	-0.6106	-0.8021	0.8	-0.73
906	1	-0.3169	0.3003	0.1308	-0.6709	-0.225	-1.286	0.2156	-0.8744
907	1	-0.7306		-0.3929	-0.5447	-0.4687	-1.46	-0.2081	-1.208
908	1	-0.1742	-0.407	-0.006523	-0.1083	0.4177	-0.07383	-0.3317	-0.3317
909	1	-0.3244	0.2928	-0.2267	1.022	-0.1025	0.266		-0.1819
910	1	0.2738	0.9509	-0.2786	-0.3803	1.876	0.7041	-2.884	-0.1238
911	1	-0.1666	0.5905	-0.2689		-0.6548	0.1038		-0.07414
912	1	-0.385	-0.2678		-1.089	-0.9631	0.3354	-0.2425	0.2475
913	1	0.425	0.9622	0.4927	0.2009	-0.5331	-0.4546	-0.1225	-0.3625
914	1	-0.2125	-0.3653	-0.4548	-0.1666	-0.000625	0.1179	-0.09	-0.56
915	1	-0.1053	-0.1081	-0.7376	0.000625	-0.05344	-0.1749		0.1572
916	1	-0.1742	-1.337	-0.3965	-0.8883	0.3077	0.05617	-0.4917	-0.6417
917	1	0.1475	0.1147	0.5752	-0.5866	0.3994	-0.2021	-2.36E-08	0.03
918	1	-0.6147	-0.1475	-1.217	-0.9287	0.3672		-0.9722	-0.3522
919	1	-0.3942	-0.677	-0.6365	-0.1883	0.1877	0.1462	0.7383	-0.4317
920	1	-0.08008	0.1871	-0.4324	-0.4441	0.3618	-0.5497		0.1824
921	1	-0.1125	0.3647	0.6552	-0.4166	0.02938	-1.322	0.79	-0.15
922	1	0.1433	-0.02953			-0.4548	-1.796	1.386	-0.6842
923	1	0.2747	0.001875	-1.018	-0.2694	-0.1034	-0.4249	-0.7528	0.4572
924	1	0.2434	-0.5194	-0.5389	0.1994	-0.4647	-0.09617		-0.1341
925	1	0.2797	-0.5031	-0.2926	0.2756	0.3716	0.3301	-0.3678	0.2122
926	1	-0.2003	-0.8331	-0.1226	-0.06437	-0.8784	0.01008	-0.3078	0.1222
927	1	0.1123	0.6595	-4.95E-12	-0.6018	-0.9258	-0.2473	-1.235	0.0948
928	1	0.2475	0.7347	-0.5848	0.7334	0.1794	1.138	-2.65E-09	0.15
929	1	0.6375	0.9647	-0.1848	0.2134	0.1694	0.05789	-0.23	-0.08
930	1	-0.2725	-0.7553	-0.8748	-0.09656	-0.1506	-0.08211	-0.49	-0.07
931	1	0	0.5172	-0.7523	-0.2041	-0.3481		-1.138	-0.1375
932	1	-0.6931	-0.8359	-0.6054	-1.127	0.1587	-0.2027	0.8194	-0.6306
933	1	-0.3751	0.7921	0.002598	0.5008	0.5968	0.3853	-0.1126	-0.0326
934	1	-0.3425	0.5947	0.005195	0.1634	-0.3706	-0.04211	0.08	-0.71
935	1	0.3901	0.1973	-0.2322	1.036	-0.01805	-0.1095	0.1926	-0.04742
936	1	0.1363	-0.3366	-0.7861	-0.2278	0.1981	0.2866	-0.5913	0.1087

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
937	1	0.2289	-0.1339	-0.3334	0.4648	0.3208	-0.0107	-0.8786	0.06141
938	1	0.6091	0.3862	-1.443	0.465	0.08094	-0.2605	-0.7284	0.2216
939	1	0.3725	-0.7203	0.0502	0.1484	0.2144		-0.355	0.375
940	1	0.9375	0.1747	-0.7248	0.2734	0.06938	-0.3621	-0.04	-0.19
941	1	1.158	-1.755	-0.2848	0.4934	-0.05062		0.54	0.72
942	1	0.7755	0.1827	0.003164	-0.2286	-0.2927	-0.8241		0.278
943	1	0.3936	-0.2292	-0.3287	0.5296	0.4455	0.444	-0.4539	-0.3839
944	1	0.8586	-0.3342	0.1063	0.06453	0.4205	-0.371	-0.7589	0.02109
945	1	1.21	-1.153	-0.2425	-0.1843	0.3216	0.2402	0.03227	-0.6577
946	1	1.568	-0.1653	0.3552	0.2134	0.4794	0.5279	0.42	-0.47
947	1	0.3075	-1.625	-0.6648	-0.7666	0.5494	-1.142		-0.46
948	1	-0.1475	-0.0003125	-0.3498	0.1084	0.2744	-0.2771	1.115	-0.895
949	1	0.6475	-0.2653	-0.4148		0.8394		-0.15	-0.52
950	1	0.5186	-0.6942	-0.7137	0.1045	0.7405	0.06898	-0.1589	-0.2489
951	1	0.9236	-0.1492	-0.7687	0.04953	-0.2345	-0.106	0.9261	0.5761
952	1	0.7775	0.06469	-0.4548	0.1634	0.8794	0.8079	1.43	0.15
953	1	0.8319	0.06906	-0.7004	0.2578	0.3237	0.6923	0.3244	-0.07563
954	1	1.173	1.21	-0.5298	0.1184	0.09438	-0.8671	0.485	0.095
955	1	1.253	-0.6803	-0.1998	-0.5816	1.124	-1.427		0.765
956	1	0.3975	0.07469	-0.3748	0.5134	0.5194	0.1679	-0.09	-0.31
957	1	0.3947	-0.2881	-1.208	0.000625	0.6266	0.4451	0.1372	-0.6828
958	1	0.8636	0.1808	-0.7787	-0.6605	0.03547	0.354	0.7761	0.006094
959	1	0.8538	0.4509	-0.4186	-0.02031	0.1456	0.8141	0.6462	-0.2538
960	1	0.5034	-0.4194		-0.000625	0.5553	0.8538	1.016	0.09594
961	1	0.5375	-0.3853	-1.185	-0.4366	0.8894	0.7979		0.29
962	1	0.6528	-0.6		-0.1912	0.7547	0.5432	0.4253	-0.3047
963	1	1.024	-0.9286	-0.3481	-0.4898	0.9961	0.6246	1.327	-0.3333
964	1	0.7005	0.2777	-0.6918	0.1864	1.162	0.4409		0.133
965	1	0.5788		-1.094	-1.025	0.000625	-0.06086		-1.109
966	1	0.8269	-0.3859	-0.7254	-0.3572	0.2587	0.3873	0.009375	-0.1406
967	1	1.118	0.1347		0.1634	0.2294	0.6379	0.43	-3.85E-09
968	1	1.111	0.348	-0.3114	0.5568	0.4227	0.7913	0.7734	-0.006641
969	1	1.103	-1.08	-0.9892	0.4791	-0.125	0.5435	0.6956	-0.08438
970	1	0.7634	0.1105	-0.3189	0.0993	-0.2448	0.4838	0.8959	-0.05414
971	1	0.4214	-1.321	-0.9409	-0.4727	-0.5367	-1.018	0.1839	-0.3461
972	1	0.2724	-0.3204	-1.02	-1.282	-0.6357	0.1128	0.9949	0.06488

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
973	1	0.3665	-0.6463	-1.026	-1.048	-0.7216	-0.1631	1.239	0.09902
974	1	0.002656	-2.29	-0.7496	-0.3614	0.3845	-0.107	0.5652	1.505
975	1	1.618	-1.355	-0.2148	0.01344	0.3494	0.8279	0.74	1.59
976	1	0.5025	-0.6003	-1.1	-0.7016	0.5544	-0.2171	2.285	-0.235
977	1	0.4763	-1.237	-0.7461	-0.5378	0.9681	-0.02336	0.6987	-0.07125
978	1	0.2102	-2.023	-0.3321	-1.084	0.252	0.5105		0.9827
979	1	0.0625	-0.9203	-0.8298	-0.3116	0.5044	-0.6571	0.465	-0.515
980	1	1.384		-0.4279	-0.4097	0.1963	0.5648		
981	1	-0.6925	0.4947	-0.6748	0.2434	-0.5306	0.4079	-1.22	-3.85E-09
982	1	-0.6132	-0.2561		1.173	0.05863	0.1371		
983	1	-0.1525	-0.3053	-0.5548	-0.7266	-0.06062	0.1179	-0.28	-0.02
984	1	-0.4466	-0.07937	0.04113	0.2594	-0.9847	-0.5462	-0.01406	0.1259
985	1	-0.3809			-0.495	-1.509	-0.1805		-0.1884
986	1	0.4234	0.1505	-0.6089	-0.1907	-0.6448	-0.3262		0.04586
987	1	0.93	1.347			-0.6881	-0.1096		0.1225
988	1	-0.0375	0.6097	0.1302	0.7984	-0.3556	0.09289	-0.465	-0.115
989	1	-0.0225	0.4747	-0.3648	0.2634	0.1794	-0.6821	0.08	1.46
990	1	0.39	0.1972	0.3277	0.2059	-1.058	-0.5396	-0.7475	0.1625
991	1	0.07881	0.426	0.006504		-1.009	0.3492	-1.109	0.3813
992	1	-0.2778	-1.241	0.1499	-0.6119	-0.3659	0.2126	-0.02531	0.1747
993	1	-0.4412	-0.3541	1.716	0.1247	0.000625	0.2691		0.1812
994	1	-0.1225	0.07469	-0.5048	-0.4166	-0.5906	1.458		-3.85E-09
995	1	-0.1375	-0.0003125	-0.2498	-1.182	-0.3656	-0.3871	-0.745	-1.115
996	1	0	0.3972	0.5977	-1.554	-0.7981	-0.2696	-0.1775	1.042
997	1	-0.08453	0.1827		0.4314	-0.2427	0.3359	0.288	-0.122
998	1	-0.2025	-0.1753	-0.9148	-0.3166	-0.4506	-0.4821	-0.49	-0.51
999	1	-0.1669	-1.78	-0.1292	-0.2109	-0.315	-0.4165	-1.474	-0.3144
1000	1	-0.3025	-1.265	-1.445	-0.3966	-0.3706	-0.5721	0.22	-0.73
1001	1	0.2223	0.4395	-9.61E-12	0.1282	-0.9258	-0.1073	-0.3752	0.9748
1002	1	-0.2523	-0.3452	-1.445	-1.256	-1.15	-0.452		0.7502
1003	1	-0.008359	-0.2212	-1.021	-1.552	-1.026	-0.208	0.05414	0.7841
1004	1	-0.2475	-0.08031	-0.9198	-0.6316	-0.5056		-1.155	0.965
1005	1	-0.6928	-0.4956	-0.4051	-0.2669	-0.9609	-0.2124		
1006	1	-0.2625	-0.8953	-0.3948	-1.277	-1.061	0.06789	0.92	0.48
1007	1	0.1675	-0.7553	-0.3948	-0.8566	-0.3006	-0.05211	0.1	0.21
1008	1	0.81	0.1872	-0.6323	-1.044	0.3719	-0.4496	0.6225	-1.188

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1009	1	0.27	-0.5828	-0.5423	-1.694	0.3419	-0.2596	0.4625	0.2225
1010	1	0.52		-0.3223	-0.6241	0.1919	-0.3896	0.8725	0.0625
1011	1	0.6075	-1.225	-0.5348	-0.006562	0.1594	0.1779	0.4	0.58
1012	1	0.5575			-0.08656	0.4094	0.03789		0.39
1013	1	0.642	-0.2208	-1.25	-0.07203	0.3439	-0.5476	0.4145	
1014	1	0.6077	0.08484	-0.2746	0.3036	-0.3005	0.318	-1.81	-0.3298
1015	1	0.4769	-0.3859	-0.09543	0.2728	0.2888	0.3673	-0.1806	2.419
1016	1	-0.2549	0.1223	0.4728		-0.403	1.925	0.5176	0.02758
1017	1	0.0675	-0.2353	-0.1648	-0.7866	0.2294	-0.6921		-0.9
1018	1	-0.3025	-0.4553	-0.3448	-0.07656	-0.3306	-0.2221	0.35	0.03
1019	1	0.04668	-0.9161	0.2844	0.1526	0.1386	-0.2629		0.6992
1020	1	0.2275	0.1447	0.9852	0.3334	0.5394	-0.2821	-0.97	0.41
1021	1	-0.008437	0.02875	0.009258	0.0175	0.3234	-0.238	-0.8559	0.05406
1022	1	-0.0925	0.04469	0.1052	0.1934	0.5594	-0.02211	-1.61	-0.13
1023	1	-0.3525	-0.05531	-0.0748	0.2334	-1.001	-0.08211		0.19
1024	1	-0.09672	-0.4495	-0.589	-0.2408	-0.09484	-0.5563	-0.8742	-0.1042
1025	1	-0.1875	-0.9703	-0.2398	-0.3316	-0.2756	-0.2471	0.025	-0.095
1026	1	-0.08234	-0.2752	-1.025	0.8036	-0.5305	-0.742	-0.4398	-1.12
1027	1	-0.3181	-1.341	-0.6904	-1.332	0.1437	-0.5077	-1.136	1.064
1028	1	-0.3945	-0.7973	0.01316	0.001406	-0.3827	0.02586	-0.312	-0.262
1029	1	1.318	-0.2553	-0.6248	-1.397	1.399	1.278	0.1	-0.55
1030	1	0.5104	-0.1724	-0.2719	-0.5437	-0.1577	-0.1592		-0.3871
1031	1	0.5206	0.1378	-0.6117	-0.1634	-0.1575	-0.03898	0.003125	0.3631
1032	1	0.0275	1.175	0.4552	-0.6966	-0.1006	-0.3821	0.23	-0.03
1033	1	0.1309	0.6781	0.05859	0.2868	0.1628	-0.08871	-0.2666	-0.1866
1034	1	0.2527	0.8398	-0.1296	0.2386	0.1045	0.473	0.005156	0.07516
1035	1	0.2675	-1.625	0.1552	-0.3566	-0.1506	-0.3921	-0.03	-1.02E-08
1036	1	0.2336		-1.119	0.08953	0.07547		-0.8539	-0.4439
1037	1	0.05688	-0.3059	-0.9254	-0.05719	-0.03125	0.07727	-0.1006	-0.1006
1038	1	0.2391	-0.5137	-0.5932	-0.1749	-0.409	-0.3105	0.2316	-0.03836
1039	1	0.7675	-0.2053	-1.095	-1.127	0.5494	0.2879	0.46	-3.85E-09
1040	1	0.545	0.5022	-0.0973	0.2409	-0.1231	-0.5946		-0.1325
1041	1	0.0425	-0.2203	1.36	0.1084	-0.1456	-0.3271	-0.665	-0.025
1042	1	-0.365	-0.09781		0.6009	-0.1331	0.5254	0.8375	-0.6525
1043	1	0.161	0.7382	-0.1613	-0.473	-0.2371	0.2014	-0.2365	0.07352
1044	1	1.128	-0.3153	-1.045	0.5734	0.2694	-0.1121	0.65	0.3

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1045	1	0.02	-0.4528	-0.9123	-2.044	0.3119	-0.6596	-0.0875	0.0825
1046	1	0.4205	0.6077	0.6582	-0.5435	0.2924	0.01094	0.233	-0.09695
1047	1	0.7502	-0.1226	-0.2721	-0.2838	0.5021	-0.4094	0.4327	-0.02727
1048	1	0.918	1.095		0.974	0.1799	0.4584	0.7805	0.5605
1049	1	0.3632	0.7204	-0.2091	0.9192	-0.01488	0.3236	0.1557	0.2657
1050	1	-0.08977	-0.9026	-0.8721	-0.2938	0.4421	-0.02938	0.1527	-0.3573
1051	1	0.8719	-0.8809	-0.3604	-0.01219	0.00375	0.3423	0.6644	-0.01563
1052	1	-0.2941	-0.307	-0.8564	0.1518	-0.2023	-0.5137	-0.7216	-0.06164
1053	1	0.0825	-0.1603	-0.8798	-0.2516	0.2744	-0.2471	-0.385	-0.185
1054	1	0.07418	-0.7886	-0.6281	-0.1299	0.2061	0.1946	-0.6033	0.3167
1055	1	0.02875	0.7259	-0.5336	0.1347	0.000625	-0.05086	0.3812	0.1712
1056	1	0.3092	0.08641	-0.7631	-0.03484	-0.1689	0.2596	-0.4783	-0.4883
1057	1	0.045	0.02219			-0.4231	-0.004609	1.487	0.1075
1058	1	0.5738	-0.2191		-0.3803	0.1656	-0.3459	-0.7738	0.1862
1059	1	1.038	-0.1253	-0.4848	-0.9066	0.6294	-0.06211	0.38	0.08
1060	1	0.5278	-0.435	0.1355	0.07375	0.1697	0.0182	0.1803	0.06031
1061	1	0.3906	-0.3822	-1.382	0.2766	-0.2375	0.321	1.273	0.2331
1062	1	0.2769	0.4741	-0.9154	1.153	-0.2613	0.1173	0.01937	-0.2906
1063	1	0.2575	-0.2553	-0.9948	-0.01656	0.2094	-0.1421	-0.62	0.12
1064	1	0.4225	0.3097	-0.5898	0.5284	0.6244	0.1229	0.005	0.155
1065	1	0.8175	-0.07531		-0.3366	0.3594	-0.1521	0.29	0.07
1066	1	0.8719	-0.5409	-0.8704	-0.2322	0.3237	0.3823	0.3944	0.3944
1067	1	0.2596	-0.0432	-0.1027	0.6655	0.3415	0.33	-0.07789	0.2421
1068	1	0.2331	-0.4897	-0.4192	0.5691	-0.025	-0.5465	0.5256	-0.05438
1069	1	-0.1025	0.04469	-0.2348	0.09344	-0.09063	0.3079	-1.8	-0.32
1070	1	-0.7231	-0.6259	-0.8454	0.05281	0.1887	-0.5927	-0.04063	-0.6006
1071	1	-0.6675	-0.3103	0.6002	0.3284	0.08438	-0.3971		-0.565
1072	1	-0.2685	0.1487	0.1992	0.3474	-0.4666	1.712		-1.006
1073	1	0.4338	0.3909	-0.2986		-0.05438	-0.02586	0.1462	-0.3238
1074	1	0.07484	-0.128	0.06254	-0.1292	0.07672	0.2352	-0.5227	0.3573
1075	1	0.3135	-0.2893	-0.5488	-0.6106	0.03535	-0.2361	-1.244	-0.04402
1076	1	0.05969	-0.06313	-0.2226	0.3256	0.2016	0.03008	-0.5378	-0.8778
1077	1	0.3013	-1.022	-0.7911	0.1172	0.03313	-0.4584	0.02375	0.2538
1078	1	-0.325	0.002188	-0.1673	0.07094	-0.2331	-0.3146		-0.5525
1079	1	0.3044	0.5216	-0.1279		0.2563	0.1248	-0.6531	-0.6531
1080	1	-0.5714	-0.6742	0.5663	-0.06547	-0.7395	0.909		-0.1489

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1081	1	-0.2746	-0.05746		0.02129	-0.2228	-0.5043	-0.05215	-0.002148
1082	1	0.0775	0.6647	-0.1948	-0.3166	0.09937	-0.3621	0.12	-0.48
1083	1	0.08031	-0.0625	0.258	-0.03375	-0.1778	0.0007031		0.3628
1084	1	-0.385	-1.788	-1.067	-0.2991	0.4669	1.095	-0.4925	-0.4925
1085	1	0.2706	-0.1022	0.3183	-0.3934	0.3625	0.191		0.5331
1086	1	0.49	-0.01281	-0.4223	-0.1341	0.2319	-0.07961	0.0125	-0.2375
1087	1	-0.0025	0.08469	-0.1548	-0.5266	-0.5206	-0.4321	0.03	-0.34
1088	1	0.7753	-0.1875	0.333	-0.6887	-0.6628	-0.5743	-1.432	-1.272
1089	1	-0.3363	-1.369	-0.1386	-1.04	0.4055	-0.4059	0.9762	
1090	1	0.2275	0.1147	-0.3848	-0.1666	-0.06062	-0.7821	0.24	-0.63
1091	1	0.1075	-1.945	-0.9548	-0.3466	-0.4006	-0.4321		-0.4
1092	1	-0.6525	-2.015	0.3252	0.2534	0.1894	-0.09211	-0.85	-0.51
1093	1	0.04484	0.742	-0.04746	0.4008	-0.01328	-0.004766		
1094	1	0.4887	-0.7241	-0.6436	0.1646	0.02055	-0.2909	-0.4988	-0.2288
1095	1	-0.01687	-0.6997	-0.6192	0.3691	0.355	-0.2665	-0.4744	-0.6744
1096	1	-0.2712	-1.484	-1.124	0.4647	0.000625	-0.3109		-0.6988
1097	1	-0.3125	-0.9453	0.0352	-0.4966	-0.5106	0.05789	0.78	-0.15
1098	1	-0.03031	-0.6131	-0.7526	-0.2444	-0.2584	-0.07992	-0.04781	-0.8278
1099	1	-0.09914	-0.462	-1.121	-0.3932	0.3027	-0.5487	0.2434	-0.9066
1100	1	-0.4075	0.3897	0.5802	-0.1016	0.1944	0.4029	-0.095	-0.965
1101	1	-0.5475	-0.0003125		1.138	-0.1556	-0.2771		0.205
1102	1	0.1447	-0.4281	-0.4076	0.000625	1.027	1.125	-0.02281	0.5272
1103	1	0.6875	0.3747	-0.5148	0.4534	0.5894	-0.09211	0.08	-0.07
1104	1	0.2471	-0.9157	0.6448	-0.05691	0.389	0.1075	0.2296	-0.01035
1105	1	1.34	0.7071		-0.1741	0.5318	-0.5397		-0.4576
1106	1	-0.09305	0.1341	-0.1454	-0.01711	0.2788	0.3373		-0.06055
1107	1	0.1925	0.2297	0.4702	-0.03156	0.2844	0.5029	1.295	0.405
1108	1	0.2756	-0.1572	1.153	0.7116	-0.0325	0.496	2.468	0.1381
1109	1	-0.0725	0.1647	-0.1148	0.06344	-0.4906	0.5779	-0.28	-0.01
1110	1	0.1275	-0.01531	1.145	0.1434	0.3994	0.1179	-1.19	-0.38
1111	1	-0.3064	0.3408	1.061	0.4795	-0.4045	0.284	-0.8139	-0.6139
1112	1	-0.3703	-0.5331	0.6474	0.7156	-0.1884	0.5601	0.7822	0.2922
1113	1	0.095	0.4522	-0.2273	0.9409	0.3069	-0.08461	-0.1825	-0.6725
1114	1	-0.02195	-0.05477	-0.2543	0.314	0.1599	-0.03156	0.1605	-0.3695
1115	1	0.428	0.06523	-0.4143	-1.356	0.1899	-0.6316	-0.9895	-0.5795
1116	1	0.2155	0.5427	-0.1868	-0.1886	0.3073	0.5759	-0.332	-0.232

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1117	1	0.1736	0.2108	-0.008672	-0.4904	0.06551	-0.326	0.006133	-0.09387
1118	1	-0.1697	-0.7225	0.148	0.6863	-0.4878	0.2707	0.1628	0.6028
1119	1	-0.24	-1.243	-0.0523	0.06594	0.4819	0.5704	0.3925	0.3025
1120	1	0.2375	0.3447	-0.2148	-0.1766	0.6194	0.2879	0.04	0.42
1121	1	0.3904	1.048	1.158	0.7563	0.002266	0.3508	0.04289	0.4529
1122	1	0.1725	0.7797	0.5402	0.5384	-0.06562	0.1129	0.855	0.115
1123	1	0.1161	0.5133	0.9338	0.162	0.338	0.3265		0.4886
1124	1	-0.0001562	0.257	0.2575	0.8658	-0.4683	0.3202	0.6523	-0.1377
1125	1	0.07781	-0.525	-0.05449	-0.2063	-0.05031	1.198	-0.2097	-0.3497
1126	1	0.2134	-0.1894	0.1011	-0.3306	-0.1647	-0.2762	-1.074	-0.5241
1127	1	0.2984	0.4955	-0.5739	-0.0357	0.3502	0.3288	-0.5291	-0.2691
1128	1	-0.2137	0.2034	-0.01605	0.1822	0.09812	0.3266	0.4687	-0.1013
1129	1	0.4436	0.07078	-0.3187	-1.26	0.3055	-0.136	-0.3039	0.07609
1130	1	0.0525	0.2497	0.0702	0.1184	0.01437	-0.3671	0.315	-0.325
1131	1	-0.1269	0.2503	0.1708	-0.3309	0.035	0.6835	0.6756	-0.1944
1132	1	-0.2325	0.4347	-0.4748	0.5034	0.2794	0.3579	0.2	-0.23
1133	1	-0.06262	0.1946	-0.7649	0.2033	0.4093	0.2078	-0.07012	-0.3801
1134	1	-0.4119	-0.1847	-0.6042	0.6441	1.40E-11	0.1385	0.4106	-0.6194
1135	1	0.4868	0.184	0.03449	-0.04727	0.5387	0.3172	0.1893	0.3993
1136	1	0.3297	0.1069	-0.2326		-0.04844	0.3401	-0.6878	0.4322
1137	1	0.0275	-0.4453	-0.0748	-0.4266	0.3294	0.5579	0.3	-2.55E-09
1138	1	0.2261	0.3133	-0.3962	0.122	0.298	0.1665	-0.01141	0.2186
1139	1	0.3297	0.2869	0.3974	0.1556	0.4216		0.1322	-0.1078
1140	1	0.4022	0.7494	0.1399	0.9181	0.2641	0.1026	0.4047	0.07469
1141	1	0.1548	0.392	-0.05746	0.3808	0.2967		-0.4727	
1142	1	0	-0.2228	0.2877	0.4559	0.1819	0.3004	0.4125	-0.0575
1143	1	0.01	0.3972	0.1777	-0.2541	-0.1881	-0.3396	-1.398	0.3625
1144	1	-0.1675	-1.29	-0.1198	0.5584	-0.04562	0.1929	-0.195	0.145
1145	1	-0.1325	0.2347	0.6052	-0.5766	-0.04063	0.1379	0.38	0.22
1146	1	-0.2522	0.145	0.3255	0.4837	0.1597	0.2382	-0.4497	-0.5597
1147	1	-0.0025	0.4547	-0.3648	1.323	0.4594	0.3279	-0.08	-0.55
1148	1	0.1625	-0.1903	-0.5998	-0.9716	-0.4056	-0.007109		-0.695
1149	1	-0.3625	-0.8553	-0.1148	0.02344	0.4294	0.09789	0.65	-0.02
1150	1	0.4727	0.2598	0.5404	0.8686	-0.07547	0.553	0.7352	0.4152
1151	1	0.5275	-0.02531	0.4652	0.8834	0.5194	0.1079	1.31	-3.85E-09
1152	1	0.2269	0.2441	-0.3854	-0.03719	0.9388	0.2173	0.3794	-0.5306

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Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1153	1	-0.06937	0.01781	0.1483	-0.3334	0.3125	-0.799	2.333	-1.787
1154	1	0.2041	-0.04875	0.1018	0.43	-0.3941	-0.1055		-0.05344
1155	1	0.00375	0.2609	-0.09855	0.4297	-0.02438	0.4941	0.06625	0.3862
1156	1	-0.2775	0.6197	0.1102	0.1984	-0.1456	0.6129	-0.215	-0.015
1157	1	0.2825	0.5297	0.2402	-0.7616	0.1244	-0.3171	0.025	0.165
1158	1	0.4288	1.236	0.1664	0.9547	0.000625	-0.5209	-0.1388	0.8812
1159	1	0.1275	0.8247	-1.495	-0.5266	0.7494	1.398		-0.51
1160	1	-0.1425	-1.775	-0.3548	0.5834	0.5694	0.3179	-0.36	-0.63
1161	1	-0.9037	-0.8666	-0.3061	0.1622	0.07812	0.2566	0.4787	0.3387
1162	1	-0.2262	-0.2991	0.02145	0.04969	0.6856	-0.1759	0.3362	0.3162
1163	1	0.3075	0.5647	-0.1248	0.7134	-0.4706	-0.04211	0.04	0.61
1164	1	0.9586	0.4858	-0.4237		-0.3195	0.279		0.06109
1165	1	0.4577	-0.4951	-1.095	0.4737	0.1696	0.5281	-1.36	0.07023
1166	1	0.3738	0.0009375	0.2214	-0.05031	-0.5344	-0.3559	-0.5138	-0.1238
1167	1	0.1375	0.4247	-0.8048	-0.07656	0.02937	-0.1421	0.66	0.3
1168	1	0.2063	1.073	0.07395	0.3322	0.2881	-0.1134		0.05875
1169	1	0.355	1.052	-0.2773		1.037	0.04539		
1170	1	0.0275	0.7347	-0.0248	0.1334	0.1894	0.7079	-0.02	0.4
1171	1	-0.0725	-0.4353	-1.325	-1.077	0.3894	0.2379	-0.15	-0.61
1172	1	2.897	3.724		1.983	1.979		0.1893	0.5393
1173	1	0.0225	0.3597	0.7702	-0.001562	0.9144	-0.5471		-0.515
1174	1	0.5475	1.425	0.8652	0.4634	-0.8706	-1.132		-1.49
1175	1	-0.6396	-0.5425	1.668	0.1263	-0.9378	-1.369	0.3729	1.073
1176	1	-0.2094	-1.172			-0.3375	-1.799	0.7531	1.233
1177	1	-0.1803	0.4669	-0.1626	-1.444	-0.6384	-1.26	0.5122	0.6622
1178	1	0.4896	-0.4432	-0.3027	0.08555	-0.2585	-0.36	0.2321	0.1321
1179	1	1.47	-1.133		-0.5144	-0.08844	-0.8999		
1180	1	0.2817	-1.121	-0.2806	0.4777	0.4436	0.6321	-0.2458	0.09422
1181	1	-0.1931	-0.7359	0.5546	0.3828	-0.04125	0.04727	-1.621	1.839
1182	1	0.6742	0.1714	0.4119	0.2402	0.5761	1.585	2.257	1.137
1183	1	0.9047	0.3519	-0.03762	-1.239	-0.7234	-0.6849	-0.3728	2.197
1184	1	-0.2325	-0.6253	-1.225	-1.067	-0.2906		0.44	-0.09
1185	1	-0.6694	-1.712	-1.082	-0.03344	-0.4775	-0.789	-1.087	-0.6869
1186	1	0	0.7572	0.6577	0.09594	-0.1281	0.2204	-0.6775	2.092
1187	1	-0.0425	0.4047	0.8752	-1.297	-0.1206	0.1879	-0.85	2.36
1188	1	-0.4725	-0.4553	-0.4448	-2.247	1.169	0.6579	-0.86	-0.46

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1189	1	0.09031	-0.2625	-2.862	-1.664	0.4322	0.0007031	-1.097	-0.7572
1190	1	0.8948	-0.04797	-0.3575	-0.03922	0.1267	-0.1048	-0.3027	0.1873
1191	1	0.6431	0.4603	-0.7392	-0.3709	-0.465	0.05352	-0.5944	-0.3844
1192	1	0.7484	0.5156	-1.224	-0.7656	0.3103	0.1188	-0.3691	-0.3591
1193	1	0.6714	0.6586	-0.5909	-0.4627	-0.7567	-0.1282	-0.2761	-0.03609
1194	1	0.1875	0.4347	-0.7148	-0.5966	-0.06063	-0.4421	-0.39	-0.14
1195	1	0.6319	0.5391	-0.3204	-1.522	-0.5663	-0.5977	0.6844	-0.09563
1196	1	-0.2466	-1.029	-0.6689	-2.091	-0.06469	-0.6262	-0.1241	-0.4141
1197	1	0.1525	-1.54	-1.52	-1.432	-0.6356	-1.737	0.775	-0.335
1198	1	0.01531	-0.2275	-0.557	-0.4587	-0.07281	-0.4343	-0.4822	0.5778
1199	1	-0.4525	-2.085	-0.0548	-0.7166	-0.2206	-0.5221		-0.24
1200	1	0.4816	0.3088	-0.1107	-0.9624	-0.7865	0.212	-0.6359	0.8141
1201	1	0.0825	-0.0003125	-0.1098	-0.5116	-0.1356	-0.04711	-0.305	0.865
1202	1	0.02336	0.3805	-0.1689	-0.9207	-0.1248	-0.1262	-0.5141	0.2359
1203	1	0.6875	-1.135	-1.085	-1.647	-0.3506	-0.05211	1.26	-0.13
1204	1	1.215	-1.828	-0.7973	-1.589	-0.9931	-0.8046		-0.0725
1205	1	0.2666	-0.6862	-0.5157	-1.377	-0.3215	-0.703	-0.02086	-0.2509
1206	1	0.1458	0.183			-0.8823	-0.3638	-0.1017	-0.3917
1207	1	-0.4727	-0.6855	-0.995	-0.9768	-0.3909	-0.3023		-0.8102
1208	1	-0.2625	-1.445	-1.355	-2.497	-1.741	-1.822		-1.23
1209	1	-0.0875	-2.08	-1.83	-1.942	-0.6556	-0.8171	-0.865	-1.205
1210	1	-0.5442	-1.897						-1.522
1211	1	0.1479	-0.4349	-1.094	-1.286	-0.1202	-0.4417	-0.2496	-0.1896
1212	1	-0.1273	0.1198	-0.9696	-1.451	-0.3555	-0.847	-0.1148	-0.4648
1213	1	-0.2869	-0.2897	-2.189		-0.295		-0.4744	-1.274
1214	1	-0.2425	-0.3353	-1.715		-0.3506		-0.25	
1215	1	-0.1225	0.1947	-1.235	-0.4866	-0.6106	0.1479	-0.31	-0.86
1216	1	-0.2214	0.1458	-0.9137	0.02453	-0.5995		-0.1889	-0.6889
1217	1	-0.2814	-0.9642	-1.694	-1.655	-0.4595	-0.491	-0.3089	-1.009
1218	1	0	-0.002813	-1.692	-1.094	-0.1481	-0.6296	-0.6875	-0.6475
1219	1	0.3409	-1.772		-1.233	0.2027	-0.5387	-1.117	-0.7966
1220	1	-0.2773	-1.35			-1.295			-0.1348
1221	1	0.04313	0.1203	-0.1992	-0.4209	0.065	0.1235	-0.4644	0.2356
1222	1	0.02781	-0.745	-1.244	-0.9163	0.2497	-0.2818	-0.7897	-0.7797
1223	1	-0.2725	-0.9553	-1.355	-1.557	-0.02062	0.01789	-0.06	-0.24
1224	1	-0.07023	-0.743	-0.9525	-0.5343	0.7816	0.6402	-0.4577	-0.3077

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1225	1	0.2831	0.09031		0.5091	-0.305		0.8356	0.4756
1226	1	-0.1266		-0.6289	-0.9606	-0.1247	-0.8162	0.3859	
1227	1	0.8499	-2.383	-0.0124	-0.4342	-0.8882	-1.13		0.9724
1228	1	0.4375	-3.095		-0.006562	0.6494	-1.322	0.3	-0.14
1229	1	-0.3241	-0.967	0.3336	-0.3882	0.3177	-0.04375	-0.4116	0.6684
1230	1	0.08578	0.393	-1.257	-1.118	-0.2623	-0.2738	-0.6317	-0.9717
1231	1	0.08437	-0.008438	-1.658	-1.31	-0.08375	-0.2452	-0.4531	-1.053
1232	1	0.1668	-0.006016	-1.486	-1.187	-0.01133	0.06719	-0.2607	-0.8407
1233	1	-0.0325	0.07469	-1.315	0.2134	-0.3606	-0.06211	-0.12	0.84
1234	1	0.0675	-0.8253			-0.2506		0.45	1
1235	1	-0.661	1.486	1.057	-1.355	-0.3891	-0.2606		-0.7185
1236	1	-0.001094	-0.1039	-0.5034	0.4348	0.7608	0.3393	0.1714	-0.1486
1237	1	0.7375	0.6047	-0.4948	-1.397	-0.3006	-0.6421		0.34
1238	1	-0.5325	0.6947	-1.045	-0.7566	-0.1206	0.4679	0.1	
1239	1	-0.3109	-0.6738	-0.1032	0.115	-0.9291	-0.3705	-0.2484	-0.8184
1240	1	0.1777	0.3148	0.1054	0.3636	-0.1705	0.08805	-0.4598	-0.4598
1241	1	-0.5425	-0.01531	0.0252	0.003438	-0.5106	-0.4521	0.38	0.78
1242	1	-6.66E-16	-1.133	-0.0723	0.01594	0.001875	0.1804		0.5925
1243	1	-0.7517	-0.9245	-0.484	-0.7258		-0.8413	-0.8992	-0.3792
1244	1	0.2406	0.09781	-1.052	-0.2434	-1.028			-0.5669
1245	1	-0.5898	-1.783	-0.8621	-0.4938		-0.2494		-1.347
1246	1	-0.7525	-0.1053	0.8852	-0.5566	-1.251	-0.6821		0.32
1247	1	0.0075	-1.685	-0.2848	2.443	-0.4706	-1.152		-1.16
1248	1	0.2975	-0.4953	-0.2648	0.7134	-1.541	-0.6321	-1.02	-1.13
1249	1	-0.6725	-0.2553	0.0752	0.4134	-0.7606	0.2079		-0.65
1250	1	-0.4145	-0.7173	-0.07684	-1.439	-1.083	-0.2841	0.128	1.628
1251	1	-0.3593	-0.5321	0.4284	-0.7133	-0.4174	-0.1489		-0.5068
1252	1	-1.072	-0.1153	-0.2548	-0.4766	-1.151	-0.6521	-0.44	-1.06
1253	1	0.3625	-0.0003125	0.7302	-0.6816	0.5244	-0.3771	0.415	-0.435
1254	1	-0.0925	-0.9553		0.5634	0.2494			0.63
1255	1	0.1124	0.01959	-0.0199	-0.2217	-0.8757	1.023		-0.4351
1256	1	0.2375	-1.035	0.3452	-0.4866	0.3994	-0.3521		0.53
1257	1	-0.5925	0.4047	0.0352	-0.2066	-0.9706	-0.6721		
1258	1	-0.4494	-0.8022	0.2483	0.3866	-0.2575	-0.01898		0.4931
1259	1		0.2314	0.03191	-0.9598	-0.8139			1.067
1260	1	-0.1477	-0.02051	-7.28E-12	0.008242	-0.9258	-0.5073		2.285

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1261	1	-0.3575	-0.0003125	-0.1098		0.4544	1.193	0.135	-0.475
1262	1	-1.264	-1.027	0.7532	1.041	0.4174	-0.3341		2.788
1263	1	0.2875		-0.6348	1.223	-0.1406	0.5879	2.42	2.55E-09
1264	1	-0.405	-1.728	0.2527	2.091	0.8269	0.4554	0.6575	-0.3225
1265	1	-1.588	-1.02	0.03004	-0.03172	-0.3058	-0.7473	0.6948	-0.2552
1266	1	0.1119	-0.5009	-0.9104	-0.8222		0.3923	0.6944	-0.3456
1267	1	-0.1981	0.4191	0.1996	1.108	-0.2863	1.272		-0.03563
1268	1	-0.5469	0.2003	0.9408	-0.1509	1.315	-0.1265		-0.8444
1269	1	-0.6134	-0.4262		0.002578	1.039	0.367	-1.331	
1270	1	0.3368	-0.136	-0.5355	-0.6373	-0.2713	-0.3228	1.829	-0.2307
1271	1	-0.0925	0.5347	-0.3548	0.04344	0.4294	0.2479	-0.07	-0.09
1272	1	0.0375	-0.8153	0.1152	1.243	0.7794	0.6479		-1.64
1273	1	-0.4269	0.0003125		-0.0009374	-0.725	-0.4265	-0.2644	-0.1744
1274	1	0.06625	0.1334	0.9439	-0.5078	0.1181	-0.6834		0.1987
1275	1	0.55	-0.002812	0.1077	-0.3841	1.592	0.02039	-0.2075	0.5625
1276	1	0.06625	0.4434	0.6439	0.5022	-0.2019	-0.5334		-0.4013
1277	1	-1.011	-1.903	0.4571	1.345	2.741	-0.8702	2.102	-0.978
1278	1	-0.8525		0.8552	1.243	2.749	-0.9921	2.7	-0.24
1279	1	-0.09687	0.06031	2.271	1.309	-0.015	-0.1765	-0.07437	0.3856
1280	1	-0.465	-0.1178	2.203	1.731	1.527	0.4654	1.728	-0.7625
1281	1	-0.3025	-1.095	-0.5148	0.2434	-0.8106		1.38	1
1282	1	-0.3525	-0.08531	-0.9448	-0.4066	-1.121	-0.5421	-2.65E-09	0.29
1283	1	-0.6386	-0.05141	0.1491	-0.4827	0.6233		-0.8661	0.4239
1284	1	0.6086	1.066	1.706	0.4445	-0.4595	-2.071	0.09109	-0.7989
1285	1	-0.2366	-0.9594	0.5111	-0.8006	-0.01469	-0.7662		-0.4541
1286	1	0.195	-0.1678	-0.9173	0.5809	-0.2331	-0.3546	-0.0925	-0.0025
1287	1	-0.6481	-0.7209	-0.9504	-0.06219	-0.1463	-0.1077	-0.2156	0.2944
1288	1	-0.0725	0.05469	-0.1048	-0.6866	-0.3206	-0.3721	0.14	-0.19
1289	1	-0.0325	0.6847	-0.2148	-0.2366	-0.9406	-1.042	-0.23	-0.19
1290	1	-0.2277	-0.6905	-5.53E-12	-0.3518	-0.5958		-0.1352	-0.2652
1291	1	-0.04797		-0.9303	-1.502	0.2339			0.1645
1292	1	-0.9903	-1.613	-0.7126	-0.4544	-0.3584	-0.3099	0.3822	0.2122
1293	1	-0.1984	-0.2312	0.2393	-0.7624	-0.2165	-0.388	-0.06586	0.9841
1294	1	-0.01703	0.2102	0.2907	0.08891	-0.3852		0.09547	-0.09453
1295	1	0.5219	-1.071	0.4196	-0.7322		-0.5277		0.7944
1296	1	0.1278	0.395	-0.1745	-0.1963	0.1097	-0.2918	0.08031	-0.3597

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1297	1	0.4375	-0.6053	-0.6248	-1.447	0.3794	-0.1721	-0.05	0.13
1298	1	0.3275	-0.1253	0.0152	-0.4666	0.1894	-0.7221	-2.65E-09	0.55
1299	1	0.4563	-0.2966	-1.126	-0.1878	0.2281	-0.2434	-0.02125	0.1687
1300	1	1.028	0.4447	0.9352	-0.6366	2.129	-0.3421	-0.55	0.34
1301	1	-0.3976	-1.05	-0.09988	-0.4616	-0.6657	0.3828	0.6049	-0.2651
1302	1	1.315	1.762	0.2325	-0.6992	-0.2533	0.09523		0.8273
1303	1	-0.1466	-0.5394	0.5111	-0.05062	3.325	-0.2562		0.09594
1304	1	0.2769	-0.5559	0.6346	-0.6372	0.2387	0.1373	-0.3406	0.9494
1305	1	-0.1295	0.6277	0.6582	0.3264	-1.548	0.9309	-1.397	0.02297
1306	1	-0.19	1.017	-0.3623	-1.744	-0.9681	-1.29		-0.2675
1307	1	-0.802	-0.5748	0.4557	-0.346	1.33	1.428	1.031	0.8605
1308	1	-0.5401	0.2671	-0.002402	0.00584	1.002	1.24	0.7524	0.6024
1309	1	-0.195	-0.5078	0.7627	-0.5691	0.8369	-1.485	1.157	0.9575
1310	1	-0.1262	0.03094	-1.109	-0.8203	0.3356	1.594	-0.7637	0.4563
1311	1		0.4209	0.2014	-0.6103	-1.344	-0.2759	0.9663	0.1863
1312	1	0.0909	0.4581	0.1786	-0.3032	-0.9072	-0.6087	0.2134	0.1634
1313	1	0.3511	0.07828	-0.08121	-0.002969	-0.967			-0.4264
1314	1	0.3996	0.8268	0.2073	-0.6145	0.3215	-1.26	1.162	1.652
1315	1	0.1675	0.2547	-0.9948	0.04344	0.7294	-0.1321	-0.58	-3.85E-09
1316	1	-0.1875	-1.71	0.1902	0.5384	0.6444			0.075
1317	1	-0.06094	-1.474	-0.2632	-1.505	0.7709	-0.9005	-2.348	2.232
1318	1	-0.2058	-1.459	-1.108	-0.6098	-0.1839	-0.4754	-1.173	0.9267
1319	1	-0.2345	0.2727	-0.2168	0.4115	0.7974	-0.3441		1.168
1320	1	0.1932	0.5604	-0.3691	-2.431	0.2151	-0.8564	-2.474	0.0357
1321	1	1.232	0.6592	-0.4203	-0.312	-0.2061	-0.3576	-1.995	0.2845
1322	1	0.1161	0.4733	-0.2462	-0.01797	-1.752	-1.114	-0.7314	0.3486
1323	1	-0.5653			0.7106	-0.3634	-0.2149	0.3672	-0.1728
1324	1	0.5475	0.6847	-0.5748	-0.08656	0.2294	0.06789	0.97	-0.1
1325	1	0.3136	-0.6392	-0.5387	-0.8505	0.3855	-0.476	0.5161	-0.2539
1326	1	0.0875	-0.1253	0.9352	1.643	0.2694	1.168	1.06	1.15
1327	1	0.7514	0.3486	0.1691	1.127	-0.1467	0.4218		1.374
1328	1	-0.6487	0.2084	-0.1611	-0.1628	-0.2169	0.09164	-0.00625	0.2938
1329	1	0.1363	-0.04656		0.4822	-0.3319	0.3866	-0.4313	-0.05125
1330	1		0.1204	0.1609	1.139	0.4951	1.914	-0.5143	-0.7943
1331	1	0.1842	1.031	-0.8281	0.1102	0.4461	0.9246	-0.1033	-0.08328
1332	1	0.3288	-0.6841	-0.09355	0.4147	0.000625	-0.03086	0.5912	0.00125

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1333	1	-0.2769	-0.9197		0.07906	0.155		-0.4244	-0.2944
1334	1	0.009688	0.1869	0.5374	-0.3444	0.7516	0.1001		-0.9478
1335	1	-0.3545	-1.627	-0.5468	0.8215	0.5474	0.3159	0.108	-0.292
1336	1	-0.3102	-0.103	0.08746	1.396	0.5216		-0.1177	-0.2477
1337	1	-0.3681	-1.181	-0.3204	-0.3622	-0.2063	-0.03773	-1.286	-0.8156
1338	1	0.04203	-0.4508	-0.6403	0.178	-0.1061	-0.1076	-0.06547	-0.1255
1339	1	0.1819	0.7291	-0.8704	-0.5122	-1.046	0.2123		-0.8556
1340	1	-0.5325		0.9852	-1.707	-0.7206	0.04789	-1.38	
1341	1	0.2255	-0.6473	-0.5068	-1.299	-0.7727	-1.004	-0.412	-1.012
1342	1	-0.5881	-1.621	0.7796		-0.6363	-0.4577		-0.3556
1343	1	0.2375	0.2047	0.8352	-0.2166	0.4794	-0.2121		0.47
1344	1	0.3415		-0.3808	-0.6826	1.233	0.9919	0.514	
1345	1	0.7825	-0.3303	0.2502	-0.1415	0.4544	1.253	0.665	0.425
1346	1	0.2433	-0.1095		0.7293	-0.4448	-0.5263	0.8058	0.3158
1347	1	-0.904		1.274	1.332	-1.732	-1.734		
1348	1	-0.2429	-0.4057	2.055	1.193	-0.941	-0.6925	-0.0003516	
1349	1	-0.6931	-0.3459	0.4746	0.6128	-0.4513	-0.2227		
1350	1	-0.4127	-0.7255	-0.335	1.643	-0.6708	-0.4223		1.32
1351	1	0.2125	-0.0003125	-0.2798	-0.2816	-0.1256	-0.3571	-0.905	0.055
1352	1	1.18	0.7077	-0.1518	-0.8936	1.492	1.141	-0.417	0.193
1353	1	-0.01859			-1.133	-0.3667	-0.3682	1.144	-0.5661
1354	1	-0.2175	-0.8503	-0.2598	-1.032	0.04438	-0.08711		-0.475
1355	1	0.1775	-0.7453	0.0452	-1.297	0.06938	-0.3821	-0.93	-3.85E-09
1356	1	0.1834	-0.1394	0.4411	-1.171	0.1553	-0.3162	-0.6041	-0.1441
1357	1	0.5825	-0.9003	-0.9698	-0.06156	-0.6256	0.7229	-1.125	-0.475
1358	1	-0.1301	-1.803	-0.0124	0.3458	0.1318	0.4403		1.112
1359	1	0.2658	-0.07703	-0.4165	-0.5283	-0.1723	-0.7438		0.7583
1360	1	0.1175	0.8647	0.3152	-0.8166	-0.1806	0.1379	-0.97	0.35
1361	1	-0.06375	0.6634	-0.5361	-0.4478	-0.09188	-0.1434	-0.6213	-0.4613
1362	1	0.1875	0.2547	-0.4148	-0.3766	-0.3506	-0.5521	0.34	1.55
1363	1	-0.3135		1.514	-0.1876	0.09836	0.03688	0.109	0.829
1364	1	-0.2325	-0.4853	1.485	-0.4566	-0.05063		-0.03	0.71
1365	1	-0.2132	-0.896	0.04449	1.023	1.009	0.8472	0.4293	-0.9007
1366	1	0.05477	-0.688	0.8325	0.5007	-0.7834	0.4452	-0.7627	1.907
1367	1	0.0675	-1.245	1.445	0.2634	-3.511	-0.8621	-0.12	1.24
1368	1	1.343	0.8997	0.4802	-1.272	0.1144	0.09289		

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1369	1	1.835	1.722	1.222	1.101	-2.034	0.495		-0.2629
1370	1	-0.3725	0.5547	-0.5148	0.5734	-0.4606	0.7779		-0.2
1371	1	-0.3925	-1.115	-1.635	-0.5766	-0.2006	0.1179	-2.52	-0.35
1372	1	-0.0075	0.6897	-0.2098	0.5084	-0.2656	-0.2171	0.015	0.045
1373	1	0.3975	-0.06531	1.125	-0.6766	1.009	2.248	-0.94	0.62
1374	1	0.7925	1.07	0.1602	1.048	0.3744	-0.2471	0.075	-0.385
1375	1	1.078	1.775	0.3252	-0.02656	0.4794	-0.01211	-1.65E-08	-0.55
1376	1	0.02391	0.4111	-0.1584	-1.29	0.2558	-0.0157	-0.7736	-0.4836
1377	1	0		-0.1723	0.1359	0.3719	-0.4796	0.0725	0.1625
1378	1	-0.1666	-0.8894	0.1511	-0.6606	-1.865		-0.5941	0.8859
1379	1	-0.0277	-0.7805	-4.95E-12	-0.1618	-1.796	-1.147	-1.025	0.4948
1380	1	-1.477	-2.58	0.3002	-0.1016	-1.516	-0.1071	1.025	-0.475
1381	1	-0.5137	-0.006563	-0.4161	0.7622	-0.4419	0.2766	0.6287	-0.2313
1382	1	0.7431	0.5803	0.5008	1.299	0.555	0.6035	0.9356	1.386
1383	1	0.5475	2.155	-0.2148		-0.3606	-0.3421	0.15	0.6
1384	1	0.0275	0.4047	0.0652	1.063	-0.4706	0.1979	-0.69	1.01
1385	1	0.2475	0.3047	-0.3348	0.2434	-0.7706	-0.2721	-1.52	-0.47
1386	1	1.039	1.546	0.3168	-0.555	0.05094		-0.5684	-0.08844
1387	1	-0.6325	-1.705	0.2852	-0.7666	1.199	1.718	-1	-0.41
1388	1	-0.4831	-0.6459	0.1546	-0.5372	1.179	0.7573		-0.6306
1389	1	-0.6787	-1.062	0.7989	-0.6428	-1.117	-0.7984		0.2838
1390	1	-0.5127	-0.3255		0.9533	0.7092	0.8477	0.3098	0.3998
1391	1	0.04215	-0.2207	0.1098	0.3881	0.584	0.4225	0.3446	0.5846
1392	1	-0.2937	0.1534	0.04395	0.7322	0.2181	0.3366	1.179	0.04875
1393	1	-0.6231	-0.3259	0.1446	0.6428	0.5387	0.5273	0.3594	-0.4706
1394	1	-0.5966	-1.459	-0.1989	-1.041	0.03531	-0.2062	2.396	-0.2041
1395	1	-0.3725	0.07469	0.6952	0.2134	-0.9406	-0.3421	0.09	0.03
1396	1	-0.4925	-0.2453	0.5152	-0.01656	-0.4906	-0.2721	0.07	0.09
1397	1	0.0325	0.7097	-0.0498	-0.07156	-0.7156	-0.4171	-0.195	0.625
1398	1	-1.005	-1.848	0.3025		0.4267	0.6152	0.5973	-0.4227
1399	1	-0.3747		0.373	0.5512	-0.4828	-0.1643	0.8178	0.7578
1400	1	0.1223	-0.09051	-1.14E-11	0.1282	-0.3558	-0.5173	-0.1152	-0.1352
1401	1	-0.1125	-0.02531	-0.2048	0.5634	-0.1806	0.02789	-0.77	-0.04
1402	1	-0.3909	-0.08375	0.2768	-0.845	0.3709		0.5416	-0.4084
1403	1	-0.3325	0.05469	0.1852	-0.3166	0.2194	0.05789	0.64	-1.15
1404	1	-0.3264	-0.6292	-0.4387	-0.07047	0.3655	0.304	-0.4139	-0.2639

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1405	1	-0.3505	-1.063	-0.2029	0.4154	0.2713	0.1298	-0.148	-0.158
1406	1	-0.4831	-1.116	-0.6954	0.08281	-1.341	-1.793	0.6494	0.6694
1407	1	-0.3025	-1.985	0.0452	0.3534	-0.6306	-0.6021	-0.24	0.08
1408	1	0.6703	0.6375	0.01801	-0.9238	0.8122	0.0007031	-0.01719	-0.05719
1409	1	-0.542	-1.215	-0.4843	-0.03609	0.04984	-0.9216	0.02047	-0.3695
1410	1	-0.4341		-0.4164	0.1018	-0.08227			-0.3716
1411	1	-0.8825	-0.7953		0.07344	-0.05062	-0.1221	0.21	
1412	1	-0.02656	0.2906		-0.2406	-0.4547		-0.2441	-0.7041
1413	1	-0.3868	0.3104	-0.5091	-0.5709	-0.3049	-0.5364		0.1657
1414	1	0.03141	0.3886		0.7673	-0.03672	0.2218	0.2239	0.1039
1415	1	-0.3475	-0.0003125	-0.0498	0.1184	0.6744	0.6029	-0.345	-0.335
1416	1	0	0.1372	0.1677	0.2759	0.1919		-0.1675	-0.3475
1417	1	-0.3069	-0.8197	-0.1292	-0.1709	1.445	0.8435	-0.4644	-0.3944
1418	1	-0.3581	-0.2409	-2	-0.9122	-0.7563	-0.7077	-0.5356	-0.8356
1419	1	0.1363	-0.7766	-0.8861	-0.5878	-0.06187	-0.6834	-1.401	-0.8913
1420	1	-0.1503	-0.6431	-0.7026	-0.1444	-0.3084	-0.07992	-0.8978	-0.7978
1421	1	-0.7137	-0.9866	-0.2761	0.6922	0.4581	0.5266	-0.1213	-0.5413
1422	1	0.1195	-0.5934	-0.2929	0.5854	-0.07867	0.3498	-0.348	0.342
1423	1	-0.0375		0.1802	0.008438	-0.08562	0.2529	-0.115	-0.315
1424	1	-1.135	-1.118	-1.117	0.0009375	-0.2131			-0.3725
1425	1	0.4675	0.2247	-1.715	-0.1866	-0.5106	-0.4021	-0.39	-0.35
1426	1	-0.6164	-0.9292		-1.58	-0.8145			
1427	1	-0.0425	0.4947	-0.6548	-0.03656	0.2094			-0.29
1428	1	0.1147	0.6419	-0.8276	-0.1894	-0.4334	-0.1149	-0.6628	-0.4928
1429	1	0.08859	0.4458	-0.8837	-0.02547	-0.3095		-0.6189	-0.5989
1430	1	0.292	-0.4408	0.01973		-0.3661	0.05242	0.04453	0.3445
1431	1	0.1989	-1.354	0.1466	-0.5552	0.7208	0.009297	-0.2786	0.2414
1432	1	0.0775	0.4247	-0.2948	0.2634	-0.1906		-0.43	-3.85E-09
1433	1	0.5775	-0.4253		0.3434	0.7294	0.7379		-0.77
1434	1	-1.102	-0.995		0.3037	-0.2003			-0.9697
1435	1	-0.2909	-1.694	-0.6232	-0.115	-0.1891	-0.4605	0.6616	-1.058
1436	1	0.1834	0.1206	-1.229	0.03938	-0.06469	0.2038	-0.4241	-0.5841
1437	1	-0.09578	-0.1286	-0.3381	0.2502	-0.1939	-0.01539	-0.5133	-0.2733
1438	1	0.2838	0.6409	-0.04855	0.2697	-0.9544	-0.5959	-0.07375	-0.00375
1439	1	0.8377	1.515	0.3154	0.5836	-1.25	-0.962	-1.34	-0.3698
1440	1	0.1375	0.6647	0.7552	0.1234	-0.4506	0.2079	0.18	-0.36

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1441	1	0.9668	1.244	-0.1255	1.473	-0.7313	0.3772		-0.6307
1442	1	0.921	1.258	-0.00127	1.177	-0.8571	-0.1886	-0.1265	-0.1665
1443	1	1.822	1.919	-0.5604	-0.3122	1.524	1.012	0.3944	0.04437
1444	1	-0.5495	0.1677	0.9982	-0.08352	-0.01758	1.031		-0.957
1445	1	1.038	-0.05432	0.01619	-0.01557	0.4304	0.4389	-0.249	-0.239
1446	1	0.9875	0.06469		-0.3666	0.7594	0.1779	-0.44	-0.11
1447	1	0.188	0.8952		-1.696	0.5399		-1.649	
1448	1	-0.003398	0.3538	-1.926	-1.237	0.5685		-0.6909	-1.171
1449	1	-0.3397	0.3775	-0.112	0.1962	-0.1178	0.0007031	0.8728	0.4028
1450	1	0.2475		-0.4248	0.4134	-0.3406	0.9779		
1451	1	-0.0825	0.6447	-1.075	-1.447	-3.531	-3.062		0.19
1452	1	-0.5614	-0.1442	-0.4937	-0.5755	0.2505	0.889	1.321	-0.6189
1453	1	-0.5353	-0.06813	0.01238	0.000625	-1.063	0.1151	-0.3328	-0.04281
1454	1	-0.4425	-1.025	-0.7448	-0.3066	0.3294	-0.002109	-0.18	-0.35
1455	1	0.4353	0.8525	-0.227	0.2412	0.5572	0.3657	0.05781	-0.3422
1456	1	-0.6822	-1.405	0.5355	-0.1763	-0.1103	0.3382		0.7503
1457	1	0.3675	0.2547	0.0352	-0.1466	-0.07063	-0.5321	-0.09	0.05
1458	1	-0.2425	0.3347	0.6452	-0.1366	0.4794		0.41	-0.27
1459	1	-0.4337	-1.177	0.09395	-0.1578	-0.03188		-0.4713	0.3287
1460	1	-0.0025	-1.065	-0.5848	-0.1666	-0.3606	-0.3121	-1.11	0.12
1461	1	-0.8868	-1.22	-0.6491	-1.381	0.2251	-0.7664	-2.974	0.0657
1462	1	-0.3825	-0.7853	-1.525	-0.9566	0.1794	-0.2221	0.31	-0.65
1463	1	0	-0.8028	0.7177	1.176	0.2019	1.08	-1.208	-0.4875
1464	1	0.3286	-0.02418	0.2963	0.4746	0.2905	0.579		-0.1189
1465	1	0.1969	0.7441	0.3646	0.3628	0.2588			-0.5306
1466	1	-1.125		0.1425	-0.0293	-0.6934	-0.1448	0.07727	0.1173
1467	1	-0.1722	-0.925	1.976	-0.2063	-0.8803	-0.5818	0.3503	0.8803
1468	1	-0.9037	-1.277	0.5539	0.4022	1.838			-2.381
1469	1	-0.7625	-1.415	0.4052	-0.9466	1.549	0.8379	0.89	0.06
1470	1	0.623	-0.3198	1.231	-0.711	0.2149		-0.4645	-1.204
1471	1	-0.4325	-0.3153	-0.0948	0.5634	0.2794	-0.1221	-0.36	-0.14
1472	1	0.4906	0.06781	0.4883		-0.3475	-0.459		0.3331
1473	1	0.08625	0.8334	0.6739	0.1522	0.3981	0.5466	-0.02125	0.8987
1474	1	0.5386	0.3658	1.066	0.7045	0.7705	0.719	-0.04891	0.8511
1475	1	1.128	0.4547	0.7652	-0.2866	0.9994	-0.02211	-0.36	-0.22
1476	1	0.1675	0.6547	0.7352	1.583	-0.4706	-0.2221	0.16	-0.27

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1477	1	0.3963	1.173	-0.1961	0.4122	0.03812	0.4366	0.1687	-0.06125
1478	1	0.09875	-0.3841	-0.2736	-0.2653	0.000625	-0.4809	-0.1088	-0.7788
1479	1	0.6823	1.189	-8.44E-12	0.2582	-0.2458	-0.0173	0.0448	-0.2952
1480	1	0.3997	-0.5331	0.8674	-0.3344	2.402	1.24		-0.05781
1481	1	-0.2225	-0.8053	0.5452	0.5734	0.2894	-0.1221	0.06	-0.44
1482	1	0.6786	0.8058	0.1763	0.4845	0.9805	0.929	1.531	0.7511
1483	1	1.298	0.7447	0.2752	0.2934	1.509	0.6479	0.75	0.84
1484	1	0.4398	-0.303	-0.07246	-0.3342	0.2517	0.2402	-1.178	0.2123
1485	1	0.5514	1.269	-0.9309	0.3973	1.523	0.6218	-1.366	1.064
1486	1	0.1925	1.08	0.5402	-0.5616	0.1944	0.2029	-0.515	0.505
1487	1	-0.5145	-0.5973	-0.4668	-0.5886	-0.04266	-0.3541	-0.122	-0.142
1488	1	-0.3475	-0.5403	-0.7598	0.4084	-0.1456	0.9229	-0.565	0.025
1489	1	-0.7005	-1.133	-0.3729	0.1154	-1.019	-0.5402	-0.678	-0.01805
1490	1	-0.4129	-0.9857	-0.8452	0.1531	0.09902	0.3075	-0.07035	-0.07035
1491	1	0.1585	0.7257	-0.1438	0.4245	-0.01961	-0.1411	0.481	-0.02898
1492	1	-1.112	-1.415	-0.1348	0.4634	-0.3706	-0.3221	1.88	-1.45
1493	1	-0.3325	-0.03531	-1.095	-0.3766	-0.1706	-0.08211	-0.5	-3.85E-09
1494	1	0.6975	0.5347	-0.2548	-0.2666	0.3494	0.1379		0.67
1495	1	1.216	1.613	-0.02645	0.6018	0.3277	0.5963	0.3184	0.6084
1496	1	0.1523	-0.06051	-4.37E-12	0.7682	-0.3358	-0.1573	-0.3552	0.3448
1497	1	0.09172	-1.391	-0.7206	-0.2623	-0.02641	0.2421	0.5142	1.104
1498	1	-0.1625	-0.5553	-0.4748	-0.6566	0.9094	1.398	0.43	0.74
1499	1	-0.2007	0.01646	-0.003027	1.375	-0.07885	-0.2103	0.5818	-0.1082
1500	1	-0.09125	-0.8241		-0.3753	0.000625	0.05914	-0.1388	-0.3888
1501	1	0.3275	0.4947	-0.2948	-0.1766	1.309	0.2579	-1.69	-0.03
1502	1	0.7474	-0.2954	0.2251	-1.207	1.289		-0.2301	1.26
1503	1	0.5875	0.9347	-0.5848	0.6634	-0.09063	0.2879	-1.05	-0.72
1504	1	1.007	1.274	0.7246	0.3028	0.6887	0.9173		1.139
1505	1	1.028	0.9647	0.1152	-2.017	-0.9006		-1.52	0.16
1506	1	0.7125	1.09	0.5502	-2.332	-1.026	-0.7671	-1.385	0.575
1507	1	-1.352	-2.455	-0.0148	-0.6666	0.03938	-0.2821	-0.62	1.2
1508	1	-0.485	-0.5078	-0.0173	-0.5891	0.3269	0.3954	-0.1525	1.238
1509	1	-0.4994	-0.1722	0.9883	1.007	0.0825		0.2031	-0.4169
1510	1	0.445	0.7322	0.3527	0.6309	-0.3531		-0.7325	2.418
1511	1	0.08625	0.1434		1.062	-0.1619			0.9587
1512	1	-0.4825	-0.5353	0.3352	0.2034	-0.07062	-0.1421	-0.95	-0.38

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1513	1	-0.4137	-0.5166	0.1439	0.1122	-0.3219	-0.2534	-0.1713	-0.2913
1514	1	-0.5069	-1.47	-0.2292	-1.021	0.115	-0.3465		-0.5944
1515	1	0.915	1.422	-0.9473	-0.8991	0.7969	0.6854	-1.422	0.3375
1516	1	1.061	1.238	-1.471	-1.783	0.9031			0.1037
1517	1	0.1595	0.3166	-0.7029	-0.4646	0.2513	-0.1602	0.322	-0.488
1518	1	-0.06543	-0.3582	-0.5477	0.9605	0.1464	-0.125	0.7571	-0.1329
1519	1	-0.546	-0.7988	0.2817	0.02992	0.9959	0.2744	0.3365	-0.8435
1520	1	-0.4353			-0.2994	-0.1434	-0.1849		
1521	1	0.5677	-1.015	-0.1946	1.314	-0.6005	-0.442	-0.01984	-0.8098
1522	1	-0.3264	-0.2892	0.2213	0.4695	-0.2345	-1.016	-0.7039	-0.7039
1523	1	0.0575	-0.7253	-0.4748	-0.8966	-0.9806	-0.7221		0.54
1524	1	-0.4686	-1.031	-1.031	-0.6927	0.06328	-0.008203	0.09391	-1.036
1525	1	-1.073	-2.976	-0.1755	-0.8773	-1.291	-1.513	-0.8307	-0.5207
1526	1	-0.2803	-0.6131	-0.6726	-0.1844		-0.8099	-0.4878	-0.5678
1527	1	1.796	1.893	0.06387	-0.07789	1.308	0.09656	-0.8213	1.009
1528	1	0.5814	-0.2514	0.5991	-0.4627	-1.237	0.3618	0.1339	-0.1561
1529	1	-0.7114	-0.6742	0.2963	-0.2655	0.8005	0.519		0.01109
1530	1	0.01484	0.05203	-0.7675	-1.209	0.1767	-0.4048	-0.4227	-0.4627
1531	1	0.02664	-0.5862	-0.5457	1.693	-0.3515	-0.543	0.6391	-0.6009
1532	1	-0.5525	0.1747	0.7952	0.7834		-0.05211	0.88	-0.56
1533	1	0.2719	0.1691	-0.9804	0.7178	-0.7562	-0.2477	0.1544	0.2644
1534	1	0.0575	0.7647	-1.015	0.4934	-0.6806		2.65E-09	0.09
1535	1	0.8744	-0.3984	-1.048	0.6503	-0.4937	-0.6252	-0.09312	0.04688
1536	1	0.04336	0.6405	-0.3089	-0.8507	1.025	0.9538	0.7659	1.016
1537	1	-0.07219		0.05551	0.1437	-0.1103	-0.7218		0.6403
1538	1	0.00875	1.106	1.146	0.3847	1.901	1.759	0.03125	1.971
1539	1	0.00125	0.1084	0.7589	0.2172	1.473		0.01375	1.724
1540	1	-0.04664	-0.3195	0.7911	0.1293	0.9752	1.464	0.04586	1.826
1541	1	0.1319	0.5591	0.3196	0.6878	0.2438	-0.09773	0.3944	1.184
1542	1	0.3047	0.8119	1.222	1.331	0.2366	0.8351		-0.1528
1543	1	-0.6277	-0.7405	-1.19E-11	-0.6518	0.1542	-0.1973	0.8148	0.6148
1544	1	-0.1525	-0.2753	0.2952	0.5934	0.2594	-0.7021	1.39	0.62
1545	1	-0.1737	-0.5966	-0.2461	0.3122	0.07813		1.249	0.5587
1546	1	0.4614	0.8586	0.3691	-0.6927	1.143	0.7318	-0.6061	-0.3361
1547	1	0.9431	0.1903	-1.249	-0.4909	-0.005	0.8835	0.1756	1.176
1548	1	-0.1245	-0.2573	0.4132	-0.4485	-0.06258	0.4359	-0.06195	0.318

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1549	1	-0.5437	-0.5166	-0.2461	-0.5678	1.278	0.9266	1.089	-0.1213
1550	1	-0.5762	-0.5791	-0.9386	-0.2403	0.1756	0.1041	-0.6438	-0.9238
1551	1	-0.0825	0.2247	-1.325	-0.4866	-0.9006		-0.01	-1.53
1552	1	0.7312	-1.392	0.05887	-0.02289	-0.08695	0.4916		0.3537
1553	1	-0.2186	-0.7914	-0.3709	0.007344	-0.1467	0.0418	-0.03609	0.3139
1554	1	0.5875	1.015		0.01344	0.6794		0.58	0.18
1555	1	-0.6633	-2.006	-0.6056	-0.08734	0.008594	0.1871	-0.05078	-0.2608
1556	1	-0.5225	-0.5253	-0.0248	-0.4566	0.2794	-0.3321	-0.21	0.24
1557	1	-0.7587	-0.09156	0.5289	0.5872	0.02313		-0.09625	0.00375
1558	1	0.1625	-0.1503	-0.0998	-0.3816	1.904		-0.155	0.015
1559	1	0.1545	0.3616	-0.1179	0.03039	1.876	1.155	0.117	-0.03305
1560	1	-0.8474	-0.2702	-0.3697	0.2286	0.8945	1.213	-0.2249	-0.7049
1561	1	-0.7423		0.1754	1.074	0.9795	1.638	0.2102	
1562	1	-0.6566	-0.3695	0.03105	0.5393	1.015	1.124	-0.2241	-0.6741
1563	1	-0.06891	0.008281	-0.08121	0.377	0.773	0.6915	-1.056	-0.03641
1564	1	-1.368	-1.781	-0.5503	-0.04203	-0.2761	-0.6476	0.1645	-0.1755
1565	1	-1.404	-1.227	-0.6361	0.8122	0.06813		0.3587	-0.9013
1566	1	-1.317	-0.7395	-0.479	1.009	0.1252		0.2058	-0.2142
1567	1	-0.4686	0.4686	-1.031	-1.293	-0.6267	-0.1982	-0.3061	-1.016
1568	1	-0.3453	0.3319		-1.319	-0.3134		0.7772	-1.293
1569	1	-0.8225	-0.3953	0.5852	0.5434	-0.2806	0.7979	-0.84	-0.23
1570	1	0	0.5472	0.3477	-0.004063	0.1319	-0.07961		0.0225
1571	1	0.06109	0.8383	0.1588	0.507	-0.117		0.4636	-0.06641
1572	1	0.4706	0.1878	0.7683	-0.1934	0.1225		0.6831	-0.05688
1573	1	0.2225	-0.5803	-0.3598	0.3284	-0.1156	0.5229	0.475	1.195
1574	1	-0.2425	0.4047		-0.6666	0.03937	0.1679	0.02	0.63
1575	1	-0.9397	-0.7325	-0.482	-0.2338	-0.1678	0.0007031	-0.7172	-1.437
1576	1	-0.7397	-1.063	-0.282	-0.4338	0.1722	0.0007031	-0.3872	-0.5972
1577	1	-0.5237	-0.8466	-0.6861	0.6722	0.7981	-0.2634	-0.3713	0.2787
1578	1	-0.7864	-0.7992	-0.4187	0.2895	0.5455	0.314	0.4461	-0.5239
1579	1	0.1784	-0.5045	2.276	0.7543	0.6802	2.009		1.571
1580	1	0.3438	-0.5791	1.891	-0.5603	0.1156		-0.5138	1.556
1581	1	-0.4925	-1.095			0.2194		-0.84	1.72
1582	1	-0.0225	0.2247	1.515	-0.2066	1.149	0.3079	0.56	0.17
1583	1	-0.04891	-0.8017	1.009	-0.002969	1.273	1.241	0.7936	0.3436
1584	1	-0.8266	-1.539	-0.2489	1.399	-0.1847	-0.2662	-0.6641	0.3759

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Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1585	1	-0.1225	-0.7153	-0.6448	-0.8466	0.4494	-0.1921	-2.65E-09	-0.51
1586	1	-0.05891	-0.2817	-1.431	-0.123	-0.07703	-1.179	-0.7164	-0.4164
1587	1	-0.1675	0.01969	-0.9098	-0.5216	-0.6356	-0.7771	-1.075	-0.615
1588	1	0.6114	-0.4714	-0.9109	-0.4126	0.1233	1.062	-0.9061	-1.086
1589	1	-0.4197	-0.9125	0.278	-0.5137	0.2022	-0.0893	1.153	0.3328
1590	1	-0.5469	-0.5697	0.1508	-0.04094	0.195	-0.08648	1.536	0.6356
1591	1	-0.3308	-1.164	-0.2931	0.09512	0.6611	0.8496	-0.4583	-0.6183
1592	1	0.003125	-0.6997	0.7408	-0.09094	0.725	0.7735	-0.5844	0.08562
1593	1	0.4882	1.545	0.7359	0.5141	0.34	1.129	0.2007	-0.4493
1594	1	0.2703	-0.0425	0.258	0.5063	0.4722	-0.3193	0.7528	0.2228
1595	1	1.054	1.291	1.332	0.4002	0.5561	0.5146	0.2167	0.9567
1596	1	1.258	1.285	1.295	0.5834	0.3994	0.6079	0.18	0.85
1597	1	1.029	1.096	0.8863	0.3545	0.2405	0.299	0.06109	0.9011
1598	1	0.7178	-0.485	0.8155	-0.1663	0.2297	0.3682	0.1903	0.5603
1599	1	1.158	0.4747			1.509		-2.01	2.23
1600	1	1.668	2.295	-0.7348	-0.1466	1.629	1.438	-2.39	2.57
1601	1	0.6863	-0.2966	0.5839	0.3822	1.908	1.157	0.06875	-0.9513
1602	1	0.6441		0.7118	1.03	2.236	1.625	0.2466	
1603	1	-0.249	-0.2118	-0.7713	0.127	0.3329	0.3214	0.7735	-0.3765
1604	1	0.06367	0.5609	0.05137	0.07961	0.1855	-0.2459		-0.4138
1605	1	0.0125	-0.0003125	0.2202	0.1384	-0.3756	-0.1871		0.085
1606	1	-0.2039	-1.387	-0.2062	-0.108	0.508		-0.1714	-2.151
1607	1	0.0725	-0.8403	0.4902	0.6984	0.09438	0.1929	-0.265	-2.035
1608	1	-0.3575	-0.8303	0.1502	0.4384	0.1644		0.185	-1.575
1609	1	1.447	1.874	0.6243	0.4325	1.168	0.527	-0.09094	-2.311
1610	1	-1.009	-0.9316	0.4089	0.8772	-0.5069	0.2316		1.154
1611	1		-0.9686	1.592	1.01	2.376	2.435	0.07672	
1612	1	-0.4725	-0.7753	-0.7748	-0.1266	-0.2106		0.22	-0.61
1613	1	-0.1247	0.2725	0.773	2.521	1.887	0.9557	-0.1622	0.2678
1614	1	-0.5086	0.2486	0.8791	1.337	1.293		-0.5361	-0.05609
1615	1	-0.1766	-0.8995	0.4411	1.839	1.445	0.9338	-0.2641	0.08586
1616	1	-0.308	-1.301	-0.6403	0.448	1.364	0.2924	0.5545	-0.3055
1617	1	-0.2364	0.1308	-0.2387	1.09	1.166	-0.396		0.006133
1618	1	-0.1886	0.1386	-0.1909	1.087	1.143	0.4018	0.3739	0.1939
1619	1	0.05406	0.1212	-0.6482	-0.05	0.3659	0.3845	-0.05344	0.3666
1620	1	0.3332	0.2604	-0.6291	-0.04086	0.8751	0.2436	-0.4443	0.4157

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1621	1	-0.8075	-0.2903		0.5584	0.1644	0.03289	0.365	-0.425
1622	1	-0.628	-0.3408	0.2797	0.548	0.1939	0.6824	0.2745	-0.4255
1623	1	-0.3277	-0.4305	-0.66	0.1482	-0.1758		-0.2952	0.3848
1624	1	-0.5425	-0.7853	-2.055	-0.6366	-0.9406		-0.14	0.45
1625	1	-0.5558	-0.1186	-0.3981	0.3502	-0.5939	-0.8854	-0.4533	0.2967
1626	1	0.01281	-4.66E-12	-0.5095	-0.09125	-0.5453	-0.006797	-0.3447	-0.1147
1627	1	-0.4062		-0.3586	0.1297	0.3756	0.3941	0.4663	0.5663
1628	1	-0.2925	0.2347	-0.0448	0.1134	-0.5306		-0.08	-0.19
1629	1	-0.6837	0.8434	-0.4361	0.2322			-0.3813	-0.05125
1630	1	0	-0.3828	0.3677	-0.4141	0.2619	0.2304	0.1225	-1.028
1631	1	0.04117	-0.9316	0.2189	0.3671	-0.137		0.5237	1.144
1632	1	0.5647	0.6619	1.482	0.000625	0.3066	-0.1749	1.067	1.997
1633	1	0.5604	1.328	0.6081	0.4964	-0.0877	-0.1592	1.533	2.103
1634	1	-0.2677	-0.4905	-4.95E-12	1.048	0.3642	0.1427	-0.9452	-0.7852
1635	1	-0.205	-1.208	-0.4873	0.4309	0.3069	-0.03461	0.7375	-0.6325
1636	1	0.8144	0.3216	0.1321	-0.1697	0.9562	0.6248	0.1169	0.4969
1637	1	1.458	1.615	-0.4341	-1.906	-2.96	-2.121	0.8207	-1.399
1638	1	-0.6795	-1.172	0.3082	-0.9236	-1.398	-1.319		-2.057
1639	1	0.5414	-0.7614	0.4791	-0.6527	-0.1567	0.3018	-0.5661	-0.4161
1640	1	0	0.03719	-0.4723	0.005937	-0.1181	0.1704	-0.0075	-0.4275
1641	1	-0.9825	-0.3753			-0.3006	-0.5421	0.61	0.48
1642	1	-0.9868			-1.361	0.9151	0.4336		1.186
1643	1	-0.2645	-0.6973	-0.06676	0.03148	1.057	1.026	0.258	1.248
1644	1	0.2332	-0.4596	1.011	-0.5309	0.5451	0.3436	-0.4343	0.5157
1645	1	0.9875	-1.775	-0.5948	-0.4766	0.8694	1.278	-0.79	0.92
1646	1	-0.01187	0.2653	-0.6142	-0.6359	0.55	0.06852	0.3206	1.171
1647	1	0.5938	1.311	-0.4186	-1.24	1.006	0.1141	-0.09375	0.05625
1648	1	0.8075	0.7347	0.2452	-0.8266	-0.7406	-1.002	0.15	1.63
1649	1	0.2075	-0.2353	-0.2248		-0.07062			0.64
1650	1	-0.4369	-0.3197	1.691	1.469	-0.655		0.2856	0.3756
1651	1	-0.1881	0.3691	0.5996	0.5378	-0.4863	-0.2277		0.2344
1652	1	-0.0125	0.1247	0.7352	0.3334	1.029	1.238		1.59
1653	1	-0.4025	-0.8353	1.045	1.063	0.9594	0.1179	-0.14	0.33
1654	1	0.6996	1.117		-0.1844	2.412	0.49	0.4521	3.182
1655	1	-0.2912	0.296			2.521	2.319	2.131	2.061
1656	1	0.1134	0.2805	-0.5989	-0.5707	0.9652	-0.06625	-0.7241	-0.4341

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1657	1	0.5548	2.732	1.213	0.3608	-0.8333	-0.6548		0.1773
1658	1	-0.2268	0.1104	0.0509	-0.3609	-0.1149	-0.7164	-0.6143	-0.0543
1659	1	1.58	0.02684		0.4756	0.9915	1.14	-1.068	1.682
1660	1	0.07938	0.2366	0.1371	-0.1447	0.3513	-0.1302	0.3219	0.5219
1661	1	0.6575	0.5947	1.195	0.9734	1.089	1.608	-1.11	
1662	1	0.1925	-0.6003	0.5202	-0.1816	1.014	1.043	-0.325	-0.165
1663	1	0.9031	0.3503	0.07082		0.485	-0.3665	0.1756	0.7756
1664	1	0.5075		-0.0448	-0.06656	0.7294	0.4479	-0.45	
1665	1	0.275	0.8722	1.003	0.5009	0.6269	0.6654		0.9575
1666	1	-0.8325	-1.735	0.0252	-1.067	0.02937	-0.04211	0.1	0.69
1667	1	-0.05516	0.512	1.003	0.1708	0.2467	0.5252		0.6873
1668	1	3.769	1.696	2.666	0.8245	-0.5595			3.581
1669	1	4.356	1.443	3.684	1.212	-0.7219	0.03664	-0.04125	4.329
1670	1	1.468	1.615	1.005	0.01344	0.1394		-1.2	1.46
1671	1	1.357	1.664	0.6848	0.3031	0.579	0.5675	-1.76	0.4596
1672	1	0.5775	0.08469	0.3752	-0.3966	-0.2806	-0.07211	-0.06	1.23
1673	1	0.1175	-0.05531	0.3852	-0.02656	0.6294	0.5279	-1.62	1.29
1674	1	1.612	1.709		-1.322	0.3536	0.6221	-1.036	0.5342
1675	1	-0.1739	0.05328	-0.1462	0.02203	0.648	0.5265	0.3286	-0.3614
1676	1	0.00125	0.8184	0.4289	-1.013	0.4831	0.3516	0.3237	0.2637
1677	1	-0.2866	0.1606	-0.4189	-0.2706	1.255	0.4738	-0.5741	0.2259
1678	1	-0.2625	-0.3353	-0.2248	0.2134	1.289	0.4679	-0.26	0.16
1679	1	0.8175	-0.2253	0.4452	-0.1166	0.3794	1.148	-0.13	0.72
1680	1	0.02813	1.205	0.1458	-0.4659	2.33E-11	0.2185	-0.1994	-0.2394
1681	1	-0.1135	-1.056	-0.4058	-0.3476	-0.1816	-0.4431	-0.201	0.04898
1682	1	-0.5914	-1.424	0.2163	-0.5655	0.1205	0.199	-0.4489	-0.1289
1683	1	0.2575	-0.3453	0.5152	-0.9666	0.8894		-0.05	0.57
1684	1	0.5409	0.138	-0.4414	-0.0432	-1.447	-1.589	-1.247	0.08336
1685	1	-0.4356	-0.8184	1.552	-0.7297	-0.1738	-0.9952	0.1469	0.3669
1686	1	-0.3989	0.2283	0.7488	-0.06297	-0.277	-0.6585	-0.7664	-0.2164
1687	1	-0.2925	0.3147	0.3752	-0.07656	-0.3906	-0.4221		-0.36
1688	1	0.0525	-0.8803	-0.6498	-0.1716	-0.2456	-0.5771	-0.325	-0.005
1689	1	-0.3425	-0.1153	0.4652	-0.02656	0.2294	1.198	-0.81	0.68
1690	1	0	-1.953		-0.8341	-0.3081	-0.2096		0.6025
1691	1	-0.5714	-2.584	-0.5537	-0.4955	0.1805	0.769	1.591	-0.05891
1692	1	-1.167	-2.55	-0.5992	0.1091	0.535		1.616	-0.9344

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1693	1	-0.9203	-0.8131	-0.3726	-0.07437	0.6016	-0.8399	1.362	-0.9378
1694	1	-0.1008	0.3364	-0.2031	-0.6148	0.6211	0.2796	0.9217	0.4917
1695	1	0.1225	0.4697	-0.2498	0.02844	0.1744	-0.2071	1.385	0.195
1696	1	-0.06875	0.6984	0.2689	-0.07281	0.5631	0.4216	0.1738	-0.7362
1697	1	-0.4287	-1.372	0.3889	0.01719		0.7616	0.2037	0.8537
1698	1	-0.2425	-1.575	-0.1148	0.1134	0.8094	0.6179	0.23	-0.39
1699	1	0.9069	1.044	-0.3954	0.1428	0.1787	0.03727	-1.491	-0.9306
1700	1	0.4706	-0.7222	0.08832	-0.6834	0.2425	-0.119	0.5031	0.003125
1701	1	-0.4625	-1.205	0.4352	-0.9366	0.1294	0.02789	1.92	0.77
1702	1	0.4463	0.3734	-0.05605	0.3422	1.018	0.6766	1.469	0.07875
1703	1	1.838	0.4547	1.615	0.6634	1.939	2.038	2.05	1.09
1704	1	-0.01625	-0.4091	0.4714	-0.4403	-0.2744	0.1441	0.2462	-0.3738
1705	1	-0.4225	-0.2453	1.315	0.5334	1.169	0.6279	0.7	0.51
1706	1	0.0575	0.9247	0.3652	0.4234	0.3594	0.5379	-0.06	-0.03
1707	1	0.5925	0.4297	0.9902	0.5684	0.6844	0.6229	-0.265	-0.235
1708	1	-0.1742	0.413	0.3435	-0.1183	-0.07234	1.026	1.968	0.4383
1709	1	-0.6798	-0.9626	0.1879	-0.2838	-0.4079	-0.2694	-0.2173	-0.07727
1710	1	0.3347	0.6919	-0.6576	-0.1494	-0.1134	0.1051	-0.7928	-0.6428
1711	1	-0.5889		-0.06121	0.01703	-0.147		-0.4864	-0.1964
1712	1	-0.7328	-2.656	-0.9151	-0.5469	-0.1309	0.08758	-0.1503	-0.4603
1713	1	-0.936		-0.7683	-0.03008	-0.5441		-0.9035	-0.1435
1714	1	-0.7181	-0.8409	-0.1204	-0.4422	-0.3862	-0.2877	-0.5156	-0.07563
1715	1	-1.116	-1.789	-0.3281	-0.4298	-0.4139	0.1546	-0.5733	-0.3633
1716	1	-1.045	-2.358	-0.3776	-0.1294	-0.3634		-0.5728	-0.09281
1717	1	-0.7425	-0.4553	0.1952	-0.1166	-0.3606	-0.02211	-1.02	-0.28
1718	1	-0.2122	0.025	-0.1045	-0.1463		-0.1918		0.09031
1719	1	-0.4525		-0.3348	-0.03656	0.4094	-0.1821	-0.59	-0.29
1720	1	-0.01953	-0.04234	-0.2318	0.1264	0.1423		-0.217	-0.167
1721	1	0	-0.01281	0.0477	0.07594	-0.7081	-0.9896	-0.5075	-1.468
1722	1	-0.7177	-0.9405	-1.14E-11	0.02824	0.1642	0.3227	0.0948	
1723	1	0	-0.3428	0.9577	-0.02406	-0.2981	-0.02961	-0.2675	1.162
1724	1	-0.6925	-0.4153	-1.135	-0.1466	-0.3606	-0.3621	1.56	0.12
1725	1	0.6334	-0.7794			0.6653	-1.386	2.616	-0.7641
1726	1	-0.1037	-0.3366	-0.1161	0.3622	0.9381	-0.8034	0.8887	-0.01125
1727	1	-0.2925	0.3547	-0.0948	-0.5766	0.09938	1.148	-0.82	0.12
1728	1	-0.01625	0.3909	-0.03855	-0.4203	0.7856	0.6741	-0.2038	0.04625

Table 1

	GWEIGHT	NORWAY 100-BE	NORWAY 100-AF	NORWAY 10-AF	NORWAY 10-BE	NORWAY 102-BE	NORWAY 102-AF	NORWAY 7-AF	NORWAY 17-BE
		ARRY19X	ARRY18X	ARRY21X	ARRY20X	ARRY23X	ARRY22X	ARRY24X	ARRY25X
		1	1	1	1	1	1	1	1
1729	1	-0.6625	-0.8653	-0.7648	0.2334	-0.2306	-0.2421	-1.3	-0.55
1730	1	-0.4458	0.3314	0.4019	0.7302		0.5846	-0.4233	0.4467
1731	1	-0.6684	-0.1612	-0.5807	-0.8924	3.944	2.852	0.2741	1.074
1732	1	0.2575	1.015		1.173	0.3894	0.5679	-1.21	-0.47
1733	1	0.2045	0.2717		-0.6896	-0.3136	-1.295	0.367	-0.503
1734	1	-0.6425	-1.145	-0.2048	0.8934	-1.451	0.1379		0.67
1735	1	-0.4567	0.1905	0.171	-0.2808	-0.4348	1.444	0.7058	-1.324
1736	1	0.2056	1.043	-0.2967	-0.2384	1.868	0.206		0.9081
1737	1	0.004219	0.4814	-0.1381	0.4102	1.646	0.2046	0.2967	0.1067
1738	1	0.2097	0.5969	1.057	1.436	0.9816	0.7401	1.722	0.2222
1739	1	0.6794	1.727	-0.1229	0.8353	-0.7888	0.2598	-0.2281	-0.1781
1740	1	-0.2725	0.4647		-0.09656	-0.5406	0.4479		
1741	1	0.04063	0.1078	-0.1617	-0.2434	1.123	1.101	-1.407	-0.1969
1742	1	-0.4675	-0.8003	-0.5498	0.4084	0.3744		0.195	-0.405
1743	1	-0.2353	-0.1081	-0.3176	0.2406	-0.2434	-0.2749	-0.1728	-0.1728
1744	1	-0.0975	0.4997	-0.2298	0.07844	-0.1956	0.09289	1.445	-0.225
1745	1	-0.0875	0.3797	0.1202		-0.02563	0.2029		0.315
1746	1	-0.3937	-0.04656	0.06395	-0.007813	1.598	0.8066	0.4787	-0.6913
1747	1	-0.4175	-0.4203	0.1402	0.4784		0.9229	0.255	0.205
1748	1	0.5088		1.286	-0.1953	0.000625	-0.4009		0.6512
1749	1	0	-0.5428	1.568	1.616	0.5319	0.8104	0.7925	1.792
1750	1	0.6475	-0.5753	2.045	1.103	-0.6706	1.438	0.26	-0.97
1751	1	0.3271	-0.2257	1.485	0.4931	-0.171	0.9575	0.1796	0.3896
1752	1	-1.212	-0.4053	0.8352	-0.1166	0.2994	0.5179	0.77	-3.85E-09
1753	1	0.3597	0.8369	-0.6726	-0.4344	0.6716	0.8301		-0.3278

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1	0.00125	-0.3944	0.609	-1.594	-0.5488	0.1712	-1.092	-1.253	-0.3389	-0.8775
2	0.5806	0.685	0.5884	0.8949	0.4206		-1.093	-1.334	0.1904	-0.2081
3	0.83	-0.4356		-1.126	-0.49	-0.68	-2.154	-1.734	-1.2	-1.289
4	0.49	-0.5656		-0.4757	0.06	0.57	-1.134	-0.1944	0.1598	0.1213
5	-1.1	0.1444		-1.666	1.12	2.44	-0.4437	0.9556	-0.3602	1.851
6	-0.836	-0.3316	-0.06828	-3.002	-0.286	0.784			-0.3162	0.4552
7	0.03797	-0.01766	-0.1443	-0.7678	-0.472		-0.4457	0.8136	0.1178	0.4692
8	1.045	0.1494		0.1493	0.735	2.615	-0.4687	0.08063	-0.3652	-0.1738
9	-0.9998	-0.1355	-0.04211		0.1202	1.59	-0.4836	0.9958	-0.67	
10	-0.09	0.3144	-0.3123	-0.1957	1.06	1.31	0.1763	0.4156	1.05	-2.879
11	-0.645	-0.2406		0.08926			-0.5987		-1.075	-0.7737
12	0.6231	-0.0325		0.5774			-0.4806	1.969	-1.127	-1.136
13	-0.06422	-0.3898	-0.6365	-0.21	0.05578	1.236	0.03207	0.5714	-0.5144	-0.293
14	0	0.1144	0.05773	0.03426	-0.12	0.04	-0.7937	0.2256	0.0998	-0.1688
15	0.3398	0.8342	-0.7524	-0.7659	-0.1602	0.6498	0.3361	0.1755	0.6696	0.8111
16	0.1294	-0.3362	0.8171	0.05363	-0.6606	0.3394	-0.04434	0.385	0.5692	0.2506
17	0.3025	0.5769	0.7802	0.2868	0.0125	0.7925	0.1388		1.692	-0.5762
18	1.022	1.376	-1.241	-1.014	-0.6885		0.1578	0.1671	0.2313	0.5328
19	0.2279			-1.198	-0.07205	0.5879	-0.07576	0.05357	0.02775	1.599
20	0.2025	0.07687	0.8602	0.6668	0.5825	0.2525	-0.5512	1.688	0.8623	0.5737
21	-0.006016	0.5084	0.2717	0.2682	0.454	0.434	1.04	0.7596	1.104	0.6152
22	-0.9275	-0.4131	0.4302	-0.2732	-0.4475	0.4425	-0.4512	0.3881	0.2623	-0.4863
23	0.7188	0.9331	0.6965	0.143	0.2687	-0.1613	2.085	-0.04562	0.2786	0
24	0.575	1.049	0.1827	-1.661	-0.985	0.045	0.04129		-1.525	-2.134
25	0.7175	1.112	0.3752	-0.7282	-0.3825	-0.1725	-0.6462	-0.2569	-0.8027	-1.201
26	-0.25	-0.4056		0.03426	-0.29		2.246	0.9256	0.1398	0.09125
27	0.1753	0.1896	0.343	-0.0004883	-0.1647	0.3253	-0.5685	1.121	0.5651	1.317
28	0.1327	0.1171	0.8105	-0.113	0.01273	-0.5973	-1.041	-0.4016	-0.7075	-0.946
29	0.41	0.3844	0.4777	-1.536	-1.34	0.02	-0.3037	0.3556	0.1998	0.1613
30	0.09	-1.296	-1.012	-0.04574	-0.23	0.46	0.9963	1.176	2.59	2.521
31	-0.7689	-1.255	-1.421	-0.5546	0.9811	1.591	0.2474	1.147	2.601	2.472
32	-0.2037	-0.5394	-1.166	-1.029	-1.464	-0.6538		1.502	1.906	1.938
33	-0.04445	1.17		0.1098	0.2455		0.9518	-0.9888	-0.4746	0.5268
34	-0.7064	0.01797		-0.6821		1.014		-0.4708	-0.1066	0.3448
35	-0.57	-0.7556	0.2777	1.764	0.56		-0.2537	0.4256	1.11	1.161
36	-0.3582	-0.2738	0.2795	0.7461	0.7718	-0.0582		0.02742	0.5516	0.723

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
37	0.07031	0.2847	-0.001953	1.355	0.5303	0.3503	0.8766		0.1201	0.6616
38	0.3187	0.5231	0.6065	0.723	1.609	-0.3213	-0.285	-1.536	-0.3214	-0.1
39	0.56	0.8244	0.5277	1.034	1.65	-0.25	-0.4437	-1.224	-0.3202	-0.2088
40	0.005	0.4194	0.1527	1.049	0.245	-1.445	-0.6987	0.7606	0.8048	0.9962
41	0.05281	0.4872	0.2905	1.017	0.1128	0.2228	-0.2109	0.6484	1.323	0.7841
42	-0.2589	0.3955		0.9654	0.2211	-0.008906	-0.2126	1.117	0.6709	0.3823
43	0.3425	0.1969		0.3368	0.2125		-0.06121	0.1281	1.312	0.8138
44	0.16	-0.03562	-0.2423	-0.1157	-0.27	-0.23	0.2563	0.2356	0.6198	-0.4987
45	0.28	-0.3556	-0.1523	-1.086	-0.65	0.5	0.1663		0.9298	0.3712
46	1.057	-0.3284	1.285	-1.218	0.007266	1.417	-0.006445	0.7429	-0.1029	-0.2915
47	-0.03891	0.2055	-0.3112	-0.2946	-0.2689	-0.5389	-0.6126	0.6467	0.9409	0.3023
48	0.3543	-0.2513	0.272	0.4586	0.6043	1.184	-0.3294	2.01	1.084	1.476
49	0.9587	0.4631		0.353	0.2487		-0.004961		0.9486	1.54
50	0.02	-0.1456	0.2877	-1.046	1.38	0.62	-0.02371	3.516	1.8	2.951
51	0.155	-0.1806	1.013	-0.6607	0.685	-0.375	0.6113	1.571	0.1448	1.696
52	0.17	-0.4156	0.1377	0.1943	0.41	0.25	-0.1037	0.02563	0.4198	-2.059
53	0.3859	0.1103		0.5502	0.1359	-0.02406	0.2822	1.082	1.006	0.8872
54	0.1956	-0.75	0.4434	0.1699	0.3456	3.396	4.632	1.671	1.825	
55	0.04625	0.05062		0.01051			0.3325	0.7519	2.686	1.237
56	0.5357	0.2601	-0.1266	-3.91E-05	1.696	0.3957	1.062	1.161	0.6555	2.587
57	-0.8313	-0.03688	-0.003516	-0.317	0.5887	0.8587	0.495		0.8386	1.15
58	-0.305	-0.3506	-0.4873		-0.145	1.165	-0.3287	0.5806	0.2948	0.4463
59	-0.2487	-0.1344	-0.331	-0.1745	0.3412	0.4812	1.778	1.377	1.661	1.053
60	-0.46	0.2944	-1.762	0.02426	0	-0.35	-0.2837	0.9256	1.02	0.2813
61	-0.5828	-0.6384	0.1049	-0.5786		0.8572	1.173	1.113	1.367	0.3684
62	0.18	-0.1556	0.1577	0.5643	0.36	-0.03	0.3963	1.016	1.3	1.551
63	0.1559	-0.2697	0.1637	0.6502	0.8259	0.2459	0.4222		1.536	1.657
64	1.753	-1.213	-0.4698	0.8068	0.6925	-0.1675	0.1488	1.778		1.444
65	0.37	-0.6256	-0.6423	0.3343	-0.28	0.19	0.6663		1.42	0.6513
66	0.535	-0.1806	-0.1173	-0.6707	0.645		0.8413		1.395	-2.624
67	0.45	0.06438	-0.2323	0.5643	1.05		1.146	0.3556	1.21	
68	0.135	0.5194	0.2127		0.175	-1.015	1.341		1.205	0.2462
69	0.2225	0.3069	0.2702	0.4468	0.6525	-0.1375	0.5388	0.4981	2.082	1.154
70	0.23	0.02438	0.7877	-0.1357	0	0.18	0.7263	-0.5144	1.58	1.011
71	0.305	0.01937	-0.08727	0.009258	0.075	0.195	-0.4087	1.321	0.9048	0.1562
72	0.6748	-0.4308	-1.307		-0.04516		-0.01887	1.31	0.02465	-0.3039

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
73	-0.1122	-0.1978	0.4955	1.452	0.04781	-0.8422	1.184	0.08344	-0.9724	-0.1109
74	0.1424	0.3168	0.3701	-0.4633	-0.3676	-1.218		1.908	1.592	1.204
75	0.7344	-0.09125	0.04211	-1.551	-0.9756	0.5044	-0.1493	1.31	0.4642	0.005625
76	0.4953	0.09969	0.113	-1.2	-0.8547	0.3653	0.2116	0.8809	0.7351	0.03656
77	-0.01344	0.4109		-0.6692	-1.123	0.5266	-0.3671	0.1922	0.5864	
78	-0.18		-1.022	-0.9057	-1.39	-0.54	0.08629	0.5556	0.1098	
79	0.1222	-0.6234	-7.81E-05	-0.1236	-1.018	0.1022	0.2385	-0.4922	-0.09801	-1.237
80	0.05273	-0.5629	-2.77		-1.027	-0.2773	0.149	-0.01164	-0.1975	-1.866
81	0.6	-0.02562	-0.1923	-0.1257	-0.68	1.9	-0.003711	-0.2144	1.41	0.8613
82	0.25	0.4844	0.01773	0.2343	0.32	0.1	0.09629	-2.324	-1.72	-1.559
83	-0.04	0.5744	0.1377	0.1243	0.43	0.23	-0.02371	-2.084	-1.84	-1.789
84	0.755	0.4494	0.6527		0.585	0.395	0.9813		0.7148	0.8662
85	0.7525	0.4669	0.6002	0.1868	0.0525	-0.3475	-1.511	-2.002	-0.3677	
86	0.88	0.3944	0.5377	0.3243	6.51E-09	-0.47	-0.4137	-1.934	-0.8802	-1.689
87	1.055	-0.2106	1.143	0.3593	0.615	0.155	-1.629	-1.769	-0.9552	-1.514
88	0.7039	1.178		-0.6618	-1.556	-0.5061	0.5202		0.1637	
89	0.185	-0.1706	-0.2673	-2.151	-1.005	0.275	-0.5687	2.781	0.3948	0.03625
90	0.3941	0.4584		-1.352	-2.006	0.5841	1.01	0.9097	-0.4561	-0.06469
91	0.02805	0.4124	0.06578	0.1523	-0.432	-0.492	0.4443	-0.5563	0.2679	-0.3607
92	0.3193	0.2337	0.177	-1.176	-2.331	0.3993	0.3956	-0.2951	-0.0008984	-1.079
93	0.8578	0.002188	-0.9245	-0.8479	-1.372	0.1578	-0.7959	-0.5766	-0.1124	-0.5309
94	-0.1509	0.1935	-0.1431	0.5434	0.03914	-0.8909		0.2448	0.3989	0.1904
95	-0.47	0.05437	0.6477		-0.24	0.36	0.6863	-0.1544	-0.4602	0.02125
96	0.17	-0.1556	-0.6723	-1.636	-1.15	-0.24		0.7156	0.2898	0.3212
97	0.31	0.01438	-0.4423	-0.7157	-0.62	-0.05	-0.1737	1.126	0.3998	-1.839
98	0.6794	0.3038	1.137	0.5836	0.9794	0.6094	-0.5343	1.385	0.5592	0.3406
99	0.1094	0.3937	0.8671	0.1936	0.6394	0.2394		0.585	-0.09082	-0.8394
100	0.2	0.2944	0.9677	0.3343	0.83	0	-0.5037	0.4456	-0.4802	-1.189
101	0.1822	0.5766	0.9099	0.4164	0.6722	0.1722	-0.4015	0.7678	0.001992	-0.5266
102	0.8011	0.6455	0.9088	-0.03465	0.04109	-0.6989	-0.2526		-0.7791	-2.018
103	0.9844	0.7288	1.352	0.3086	0.7744	0.1044	-0.9793	-0.81	-0.2958	-1.214
104	1.06	0.7044		0.9943	0.95	-0.79	-0.2037	-0.4344	0.8498	-0.3487
105	1.198	0.8722	0.7956	0.03211	-0.2121	-0.5821	-0.3059	0.3835	0.8977	-0.4809
106	1.211	0.3856	-0.101	-0.6445	0.4412	-1.229	-0.6725	0.4469	-0.2489	-0.4175
107	0.6248	0.5392	0.4425		0.5348	-0.7452	-0.1389	-0.9196	-0.4454	-0.7539
108	0.6472	-0.2984	0.3749	0.1014	-0.03281	-0.1828	-0.7565	0.4328	1.267	0.8484

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
109	-0.255	0.3094	-0.6173	-0.2807	-0.325	-1.275	0.3713	1.011	0.8848	0.7962
110	-0.2073	0.9371	-0.7696	-0.873	-0.7973	-0.9873		0.9183	1.012	0.3939
111	0.469	0.6134	-0.5333	-2.027	-1.721	-0.561	0.6653	1.025	0.4788	-0.2298
112	-0.08773	-0.3334	0.6	0.03652	-0.3177	0.04227	-0.5914	-0.9721	0.6621	-0.06648
113	0.8125	-0.3531		0.4368	0.3025	-0.3975	0.2088		0.4623	-0.3463
114	0.14	-0.3956	0.7077	1.354	0.19	-0.81	0.04629	-0.02437	0.2598	0.02125
115	0.3787	-0.1769	0.3965	1.683	1.699	0.7187	0.145	-0.1456	0.2586	0.25
116	0.145	-0.1906	0.2227	1.689	1.625	0.435	0.01129	-0.2394	-0.0152	0.01625
117	0.1083	0.04266	0.356	1.563	1.618	0.3783	0.07457	-0.3461	0.08809	0.009531
118	0.8972	0.7116	-0.1751	0.6814	1.137	-0.1128	-0.4865	-0.2472	0.07699	1.458
119	0.0775	-0.008125	0.3752		-0.7925		-0.3662		0.8873	0.5188
120	0.3605	0.3448	0.2182	-0.5153	-0.6295	0.2105	-0.1032	0.6061	0.3803	-0.01828
121	0.55	0.5444	-0.3523	-0.6257	0.7	0.53	-0.3237	1.326	1.49	1.141
122	0.6028	-0.002812		-1.493	-0.4572	1.373	0.5191	0.09844	1.803	0.08406
123	0.5322	-0.2234	0.5399	1.146	1.222	0.3522	-0.3715	-0.4422	1.812	1.023
124	0.095	1.609		-0.9107	-1.135	1.175	-0.4687	-1.369	0.0648	0.4763
125	-0.06711	0.7173		-0.8929	0.2429		-0.03082	-0.7615	-0.9273	
126	-1.084	-0.7594	0.154	-0.5695	-0.6938	0.07625	-0.7475	0.6019	0.5661	0.4675
127	-0.7828	-0.6884	0.1949	-0.5186	-0.3228	0.1672	-0.6265	0.6228	0.277	0.3684
128	-0.7055	-0.4111	0.1523	0.4788	-0.4755	0.8845	0.0008203	1.37	0.8543	0.7658
129	-0.05484	0.2095	1.173	1.139	0.8852	-0.3448	-0.3586	0.1408	0.235	-0.3636
130	0.1388	-0.1969	-0.1735	1.143	0.4887	0.2987	0.455	0.2244	0.5686	0.41
131	0.955	-0.6206	-0.2773	-0.3907	0.135	0.225	1.291		-0.1652	0.1463
132	0.92	0.8744	-1.352	0.1943	-0.14	2.97	3.776	-0.3744	0.4898	0.3012
133	0.2209	-0.02469		1.625	-0.9791		0.1572	0.5866	1.261	1.292
134	1.922	0.3466			-0.2477	1.862	2.719	1.478	-0.3679	-0.2065
135	1.306	0.2906		0.0005078	0.7863	1.016	1.923	0.9619	-0.1939	0.0075
136	0.3133	0.7377	0.861	-0.4625	0.3233	0.6133		-0.001094	0.1431	0.05453
137	0.2117	0.5361	0.1895	-0.02402	0.3017	1.062	0.288	1.127	0.7515	0.553
138	0.878	0.04242	0.4958	0.2223	0.818	-0.522	-1.276	2.434	0.4379	0.8193
139	0.3825	-0.01313	-0.4198	0.4168	0.7825	-1.028		0.7781	0.2423	0.3037
140	0.505	-0.6406	-0.08727	0.7393	-0.315	-0.095	-0.6087	0.2506	1.235	0.6463
141	1.092	0.6066	2.06	1.157	1.462	-0.7077	-1.091	-1.662	-0.3279	-1.056
142	0.58	-0.01562	0.9077	-0.4457	0.12	-1.7	-0.4637	-0.4044	-0.5902	-1.169
143	2.047	1.512	1.185	0.2014	1.207	-1.223	-0.9465	-2.317	-4.313	-4.212
144	1.075	1.559		0.04926	-0.835	-0.755	-0.03871	-0.8594	-0.5052	

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
145	0.7278	-0.007812	-0.5245	0.9121	-0.3322	-0.4122	-0.4559	0.7434	0.5576	-0.7109
146		-0.8084	-0.4951	-0.6586	0.6072	0.1672	-1.037	1.033	0.347	0.07844
147	1.057	0.3112	1.075	-0.1289	0.4468	-1.293	-0.3969	0.02246	-0.02336	-2.922
148		1.174		1.124	0.99	0.1	-0.3237	-0.5244		
149		1.084	0.1277	0.2443	1.35	-0.86		-1.584	-1.12	-0.9988
150	0.7697	0.08406	0.6474	0.7939	0.6297	-0.09031	-0.274	-1.745	-1.081	-2.069
151	0.7772	0.08156	0.2749		0.03719	-0.7228			-0.913	-2.372
152	0.875	0.3794	0.4927	0.3293	0.405	-0.655	-0.4487	-2.109	-0.8352	-2.084
153	0.675	0.1294	0.4427	0.3093	0.295	-0.515		-2.169	-0.8852	-2.014
154	0.6594	0.9237		-0.05637	0.4694		-0.05434		-1.591	-1.919
155	0.15	0.5144	-0.06227	-0.1657	0.39	-1.75	-0.4637	-3.754	-1.31	-2.149
156	0.17	0.5444	-0.2423	-0.2757	0.39	-1.74	-0.1537	-4.024	-1.7	-2.489
157	1.03	1.054	0.3777	-1.216	-1.14	0.06	-0.6637		-1.52	-1.299
158	0.7587	0.2531	0.08648	-0.997	-0.3913	-0.6213		-1.836	-2.691	-2.59
159	0.415	0.7194		-0.9707	-0.535		-0.4887	0.01063	0.0748	-0.4137
160	1.109	1.233	-2.694	0.1329	0.7186	2.149	0.1049		-2.172	-1.63
161	1.01	1.214	0.4374	0.1439	0.8797	-0.1803	0.316	-1.215	-0.8305	
162	0.04391	0.08828		0.7782	0.8539	-0.09609	-0.0698	0.3395	-0.4463	-0.1648
163	0.62	1.074	-0.7423	0.8043	-0.35	-0.12	1.426	-1.754	-0.7202	0.1312
164	0.8658	0.5802	-0.9265	-0.06996	-0.9142	-0.03422	0.9721		-0.7644	-0.663
165	-0.1006	-0.3462	0.2471		1.089	0.9694	-0.1743	0.035	-0.5808	
166	1.02	-0.3456	0.9077	1.624	0.79	1.24	0.1663	0.3856	1.52	1.021
167	1.1	-0.6956		1.094	0.67	0.33	-0.04371	-0.1744	2.07	1.261
168	1.26	0.8144	0.9177		-3.95E-09		-0.01371		1.63	1.351
169	0.3679	-0.6877		1.022	0.00793		0.8842	0.01355	-0.4223	1.029
170	1.188	-0.5077	1.176	-0.08785	0.9179	0.6479	-1.006		-0.3023	
171	0.11	0.5244	0.6677	0.7543	-0.6		-2.424	-1.754	0.0898	
172	1.625	-0.6706	1.973	0.03926	1.175	-0.365	-0.5687	0.5606	0.5748	-0.7938
173	0.2283	1.423	2.706		2.448		-0.06543	-2.206		-1.22
174	1.25	0.1642	1.318	0.9141	0.9298	-0.3502	-0.8039	0.2955	1.38	0.5811
175	1.077	0.4214	0.8847	0.01125	0.477	0.04699	-0.8767	0.9326	0.5568	0.5582
176	-0.3276	-0.003203		-0.5133	-0.09758		-0.001289		-0.7078	-1.146
177	0.7914	0.5558	0.05914	0.4457	1.221	-0.2786	-0.1523	-1.043	-0.7188	-1.207
178	1.17	0.6544	1.118	1.894	1.89	-0.31	-0.2237	-0.2744	0.2898	-0.4688
179	0.3035	-0.08209		0.9478	0.3935	-0.2865		-0.06084	0.9633	1.715
180	0.12	-0.1856	0.2677	0.6943	0.74	-0.02	-0.6237	0.4956	0.6998	1.611

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
181	0.1784	-0.2273	0.2761	0.6326	0.6684	0.01836	-0.6354	0.184	0.9282	0.1296
182	0.73	0.7544	1.108	0.1843	0.63	0.35	-0.2737	-0.2444	-0.3002	-1.109
183	1.018	0.8821	1.245	0.302	0.6277	0.4177	-0.376	-0.2766	-0.7225	-1.121
184	0.2155	0.1398	0.4732	0.5397	0.5655	0.04547	-0.2782	-0.9289	0.09527	-0.4833
185	0.7052	0.2295	0.6629	0.5394	0.5952	-1.035	0.3314	-3.779	-1.165	-3.044
186	0.33	0.02437	1.078	0.7443	0.82	0.79	0.03629	-1.154	-0.1302	-1.079
187	0.8575		1.025	0.9818	2.057	0.5975	-0.2062	-3.357	-1.233	-2.091
188	0.2039	0.7183	1.442	0.8782	1.104	0.3439	-0.2198	-1.88	-0.9363	-1.515
189	0.118	0.1323	1.636	0.5522	1.068	0.928	0.1043	-1.566	-0.1922	-1.191
190	0.02	0.4444	1.558	0.6243	1	0.91	0.06629	-1.434	-0.2602	-1.239
191	1.725	0.09902	1.282	-0.6411	0.2946	0.7546	-0.8491	-1.43	0.02445	-0.8041
192	0.4659	0.3103	0.4537	0.3102	0.2859	0.01594	-0.04777	-0.8684	-0.9443	-1.043
193	0.9845	0.5289	0.8223	-0.9212	-0.7755	0.8545	0.0008203	-0.7498	0.8543	0.1358
194	0.05563	0.26	0.3634	0.2799	1.086	-0.2844	-0.1781	-0.1787	0.2754	0.3069
195	0.3979	0.2623		0.1822	1.088	-0.05207	-0.1858		0.1577	0.4492
196	0.8604	0.09482	0.3682		0.5204	0.3504	-0.1033	-0.03393	0.6103	0.7317
197	0.7048	0.2791	0.7625	0.789	0.7448	0.01477	0.001055	0.2404	-0.7954	-1.024
198	0.66	0.3444	0.4777	0.7443	0.98		-0.1737		-0.9502	-1.299
199	0.4858	0.2202	0.7336	7.81E-05	0.00582	0.3658	-0.6479		0.6856	0.4971
200	-0.005	0.2494		0.5393	0.365	0.035	-0.7187	0.2906	0.0148	0.01625
201	0.5902	0.1045	0.4679	0.5344	0.6302			0.6458	0.11	0.9314
202	0.04109	-0.05453	1.229	1.845	1.181		1.347	-0.1333	0.7209	1.342
203	0.2	-0.1456	0.3177	1.694	0.92	0	0.2963	-0.5244	0.8498	1.181
204	1.327	0.1716		1.701	2.297		-0.06652	-0.6872	0.657	1.388
205	0.877		-0.4153	-1.269	-1.143	0.797	0.8132	0.2026	0.2268	-0.7418
206	1.234	0.6587			0.5644	-0.1856		0	0.3342	-0.6944
207	0.02281	0.4672	0.4805	-0.2829	0.9828		-0.0909	1.708	1.183	1.704
208	0.6025	-0.5631	1.33	0.8768	0.9225	1.282	0.3988	1.828	0.6123	0.4737
209	0.6547	0.8591	0.2424	-0.5011	-0.1053	-0.4253		0.8003	1.714	1.146
210	0.12	0.6344	0.03773	-0.9757	-0.6	-0.66	-0.3437	0.6956	1.11	0.3113
211	0.8433	0.4077	1.091	0.5375	1.103	0.9433	-0.7404	1.039	1.133	1.025
212	0.5356	0	0.4034	0.2499	0.2556		0.1219	0.1913	1.545	0.7169
213	0.725	0.9794	0.4127	-0.3807	-0.275	-0.505	-0.5387	0.5906	0.5348	0.1463
214	0.108	-0.1477		0.1922	0.638	0.288	0.1143	0.3936	0.9978	0.05922
215	0.3729	0.8473	0.4706	-1.133	0.06289	-0.4871	-1.011	-0.7315	-0.0173	-0.1359
216	1.205	1.529	0.7727	-0.2507	0.735	0.585		-0.5894	-0.2252	-0.3137

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
217	0.5561	0.2705	-0.1262	-0.3096	-0.3039		0.05238		0.2859	-0.9427
218	-0.2612	-0.3769	-0.09352	-1.037	-0.1113	-0.4013	0.665	-1.246	-0.8114	0
219	-0.02	-0.2256		-0.3557	0		-0.7037		-0.3202	-0.09875
220	0.93	-0.05563		0.06426	-1.07		0.4063		-0.0402	-0.1488
221	0.02375			-1.052			0.4	-0.1706	-0.8264	-0.485
222	0	-1.086	0.4477	-1.516	-1.81	0.03	-0.7937		0.4798	0.2812
223	0.7825	0.3469		-0.6832	-1.238	-0.9875	0.3288	0.05812	-1.388	-1.236
224	0.1383	-0.02734			-1.182		-0.2954		-1.222	
225	0.3841	-0.3316		-0.6817	-0.5859	-0.9459	0.5404	0.7797	-0.2461	
226		0.4894		-0.8607	-0.245	0.025	1.261	-0.01937	-0.0452	0.9863
227	0.375	0.1694		0.1293	0.255	-0.295	0.3213		-0.0752	1.456
228	1.35	-0.4856	0.5477		-0.67	1.54	0.1263	0.6456	1.16	1.261
229	1.13	0.6844	-1.592	-0.07574	-0.19	2.88	-0.7537	0.5756	0.6598	0.4113
230	0.05031	0.07469		-0.4454	-0.7497	0.7103	0.6466	1.096	1.58	1.492
231	0.07586	0.02023	0.07359	-0.2599	-1.774	1.016	0.8921	1.621	1.566	1.467
232	0.415	0.8194	-0.4273	-1.701	-0.655		0.2013	1.601	0.4548	0.3763
233	0.1931	-0.8525		-0.2226	-1.877		0.3394		1.033	0.04437
234	0.82	0.6844	-0.1123	-0.5757	-2.7		0.1263	0.7056	1.21	0.4612
235	1.057	0.8313	-0.5553	0.2512	-0.523	-0.583	0.4032	0.5926	1.107	0.5282
236		0.6037			-0.3906		0.4557		-0.4608	-1.399
237	-0.04438	-0.52	-0.09664	-1.93	-1.554	0.5956	0.7819		0.5254	-0.1831
238	0.3978	-0.02781		-0.4379	-0.4822	1.508		0.6734	-0.7424	-0.5209
239		-0.2609	0.8724	-0.9611	-0.7153	0.09469	0.08098	0.6703	-1.196	-0.1541
240	-0.3387	-0.2744	-0.791	-0.8245	-0.8288	-0.1688	0.2975	0.8269	0.3411	0.1825
241	-0.4638	0.01055	-0.3161	-0.9796	-1.054	0.4062	0.4325	0.7818	0.566	0.09742
242	0.01	-0.2856	-0.09227	-0.3157	-1.81	0	0.5163	-0.02437	0.8698	0.3913
243	0.2212	0.8556	0.659	-1.584	-0.6088		0.1575	1.097	0.4311	1.512
244	-0.5195	-0.2351	-0.2317	0.6848	0.1405	0.5605	0.5968	2.056	0.9104	1.432
245	-0.3225	-0.1681	-0.1248	-1.358	-0.9225	0.4475	0.03379	0.04313	0.1973	-0.08125
246	-0.7555	-0.6511	-0.8177	-1.961		0.3745	0.0008203	0.8802	-0.5657	
247	-0.5182	-0.2938	0.6295	-1.694	-1.498	0.4918	0.5981	0.6874	0.2316	0.253
248	-0.1659	1.099	0.4719	-1.112	0.7841	-0.6759	-0.6696	1.29	-0.7061	0.3554
249	-0.355	-0.07063	-1.187	-1.281	-0.965		-0.06871	0.5706	-0.1152	-0.4138
250	1.877	1.951	-0.9453	0.3312	0.527	0.187	-0.4968	1.193	0.8368	1.458
251	0.7283	1.003	1.446		-0.5317	0.6383	1.665	1.404	0.3281	0.9695
252	0.695	0.4194	1.213	-0.7507	-0.615	0.385	1.101	1.121	0.1648	0.7063

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
253	-0.52	-0.05563	1.068	0.4043	-0.04	0.92	1.076	-1.164	0.7898	1.591
254	0.09492	-0.3907	0.1727	-0.7108	-0.3651	0.1049	0.4212	0.1005	0.1447	0.8362
255	-0.3778	0.02656		0.6064	0.5322		0.5185	0.01781	2.872	
256	0.1636	0.108		0.5379	0.8036		0.09988	-0.2708	0.4134	1.525
257	0.6668	0.8912		-0.3789	0.8868		-0.1069	-0.9976	-0.9234	-1.612
258	0.5783	-0.2873	0.286				0.3546		-0.1719	-1.75
259	0.5494	1.924	0.6971	1.114	0.1194	-0.3306	-0.3043	-0.965		-0.5494
260	0.1888	0.6531	0.7765	-0.887	-0.3113	-1.271	-0.675		-0.8214	-0.61
261	-0.6175	-0.4431	-0.04977	-0.7932	-0.0775	1.442	0.7888		-0.5577	
262	-0.5061	0.1283		-2.392		-0.8661	0.4502	0.9895	-0.5063	
263	-0.2139	-0.6395	0.6038	-0.9596	-0.4739		-0.3776	0.1517	-0.5641	-0.3127
264	-0.135	0.03937	-1.777	0.1693	-0.245	-0.805	-0.2287		0.5648	-2.554
265	0.4883	-0.5673	-1.144	-0.8275	-0.9017	0.1083	0.3546	0.5639	-0.6919	-3.56
266	0.6728	-0.1128	0.4305	0.5571	1.203	-0.4172	0.009102	-1.312	-0.4674	-1.036
267	0.6574	0.3318	0.7051	-0.03834	0.6474		0.08369	0.573	-0.1528	-0.2413
268	2.186	-0.8896	0.2438	-0.02969	0.2761	0.5061	-0.5777	0.4217	0.005859	0.0173
269	1.702	2.937	-7.81E-05	-0.4936	0.3022	-0.7178	-0.6015	-0.2022	0.692	-0.2066
270	-0.6264	0.348		-0.3021	-0.3964		0.2599	-0.2008	0.5434	0.3048
271	1.206	-0.6594	-2.246	-0.8595	-0.6637	-0.6838	0.3425	-2.898	-0.02395	-1.502
272	0.46	-0.2456		-0.3757	-0.18	0.93	0.04629	-0.3144	-0.8202	-0.8688
273	0.4659	0.3102		0.02012	-0.03414	0.3659	-0.2379		-0.07434	-0.3729
274	-0.2409	-0.5965	-0.5431	-0.4066	0.3691	-0.2109	-0.6746	1.675	0.4189	0.3304
275	-0.32	0.4544	0.03773	-0.6857	-0.34	-0.53	0.3463	-0.7944	-0.2902	1.351
276	-0.4179	-0.2435	0.7099	-0.1536	0.4521	-0.5979	0.2184		0.01195	-0.1566
277	0.77	-0.8156	0.06773	-1.626	0.41	0.6		-0.5644	-0.4902	0.7612
278	0.2394	-0.6162	-0.002891	-1.516	-0.5706	2.299		-0.455	1.469	1.131
279	-0.5122	0.002188	-0.1345	-1.008	-0.7722	0.2178	-0.7159		-1.262	-0.8009
280	-0.23	-1.056	-0.1723	-0.5057	-0.2	-0.24	-0.4237	0.3056	0.0698	-0.02875
281	-0.78	-0.01562		-0.7657	-0.49		-0.6237	0.2856	-0.9602	
282	0.2278	0.03219		0.4021		-0.1722	0.2241		-0.08238	
283	-0.6553	-1.191	0.03242		-0.1553	0.2247	0.04098	0.1303	-0.5155	0.01594
284	0.61	0.6444	0.1477	-0.03574	0.36	2.05	2.096	-1.074		
285	1.037	0.8116	-0.8651	-1.459	-0.2128		-0.09652	0.8328	-0.523	0.4484
286	0.0925	-0.4531	0.8502	-1.333	-1.387		0.6688	0.2681	0.5123	-0.2962
287	-0.3545	-0.3101	0.9332	-1.04	-1.324	-0.4545	1.082	0.9011	0.4953	-0.003242
288	0.2494	0.2037	0.1671	0.4236	0.5094	-0.3406	0.07566		0.3192	0.02062

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
289		0.09813	0.2615	0.958	-0.2363	0.4437	-0.31	1.819	1.034	1.715
290	-0.2945	-2.57		1.47	-0.5245	1.326	0.6918	2.831	4.125	3.857
291	-0.09414	0.9402	-0.4664	0.3901	-0.05414	0.1859	0.2921	4.751	2.656	3.337
292	0.32	-0.4056	-0.2323	0.5043	0.27	0.56	0.4763	0.5256	0.9598	0.4512
293	0.008594		0.3163	0.7529	-0.1614	0.1686	0.2949	0.3242	0.5384	0.5698
294	-0.34	0.6344	0.2377	0.2743	0.1	-1.05	0.4363	0.2156	0.0298	0.3613
295	0	-0.1156	0.7777	0.3143	0.55	0.84		2.456	1.32	2.771
296	0.2748	-0.2408	0.7825	1.579	0.8948	0.9648	0.3211	2.47	1.855	2.336
297	0.2617	0.2861	-0.2605	0.02598	-0.2783			1.397	1.282	1.173
298	0	-0.04562	-0.7223	0.7443	0.9	0.49	-0.1337	1.546	0.2698	-0.3888
299	-0.1622	-0.4378	-0.4045	0.2521	-1.852	0.5078	1.014	2.453	2.258	3.079
300	0.6825	-0.2331		-0.2332	-1.208	1.182	0.8388	-1.072	0.8923	0.09375
301	0.18	0.2544	-0.5423	-0.2757	-0.44	-0.02	0.1963	-1.384	0.4698	-0.3788
302	0.372	0.5163	-0.05031	0.8262	0.592	0.462	-0.3318	0.7576	0.8218	0.5232
303	1.202	0.2169	0.4902		0.9525	0.7725	1.269		1.582	-0.6963
304	0.1558	0.4402	-0.8164	-0.3399	-0.4442	-0.5342	0.3221	-0.8586	-0.9644	-0.5829
305	0	0.6644	-1.002	-0.5057	-0.48	-0.56	0.3363	-0.6444	-0.9202	-0.4588
306	-0.6356	-0.4613	-0.6879	-1.071	-0.4056	0.9844	0.7807	0	0.3342	-0.2544
307	0	0.1644	-0.1823	-0.3157	-1.7	1.63	1.646	-1.084	0.5198	-0.1388
308	-0.6627	-0.5283		-0.8984		-0.1927	0.6936	-0.237	0.03715	
309	0.4975	-0.3381	0.6552		-0.3625	-0.5025	-0.5562	0.5231	-0.1627	0.6288
310	-0.4254	-1.041	1.042	-0.06109	-0.5254	-0.5854	-0.08906	1.81	-0.05555	1.456
311	-0.3397	-0.09531	1.138	-0.4054	0.2903	-1.2	-0.1334	1.196	-0.1799	-2.248
312	0.03	-0.3356	1.518	-0.4857	-0.44	-1.06	-0.2437	0.6156	-0.1702	1.581
313	-0.04563	-0.4312	1.002	-0.6314	-0.4956	-1.416	-0.07934	0.6	0.04418	1.646
314	-0.1239	-0.4995	1.084	-0.04965	-0.3739	-1.174	-0.4376	1.032	0.0559	1.367
315	-0.2496	-0.5553	0.8281	-0.01539	-0.3296	-0.6096	0.1166	0.676	0.03016	
316	-0.13	-0.03563		0.7843	1.7		0.5263		0.2698	0.7412
317	-0.6975	-0.1231	-1.4		0.1325	-0.0575		-0.1019	-0.2977	0.1938
318		-0.4756			0.03			0.5556	-0.0602	-0.08875
319	0.245	0.7594	-0.8673	-0.07074	-0.175	-1.095	0.3213	-1.449	-1.325	-1.324
320	-0.1027	0.7217	-0.1849	-0.008398	0.7273	0.3373	0.08363	-1.937	-1.003	-1.391
321	0.3872	-0.08844	0.04492	-0.07855	0.4172	-0.2028	-0.9865	0.3428	0.317	
322	-0.395	-0.1406	0.002734	-0.2207	-0.285	0.195	0.07129	-1.039	0.4348	-0.1337
323	-0.2442	0.1902	-0.3565	0.48	1.096	-0.4042	-0.04793	-0.4486	0.1356	-0.07297
324	0.13	-1.006	-1.362	0.1743	0.37	-0.33		0.2456	0.2198	0.5412

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
325	0.555	-0.3006	-1.327	0.1293	-0.085	-0.445	-0.8387	0.3506	0.1948	0.1863
326	0.2086	-0.557		0.3829	-0.4214	-0.6114	-0.03512	1.304	1.148	0.8598
327		-0.09344	0.08992	0.1864	-0.5178	0.2422	0.6385			1.173
328	-0.5978	-0.2734	-0.2301	0.6764	0.1122	0.1322		0.7578	1.912	1.623
329	-0.4	-0.5556	0.09773	0.3843	-0.34	0.39	0.6363	0.5756	2.15	1.421
330	-0.2878	-0.4734	-7.81E-05	1.016	0.2322		0.8985	0.6678	2.212	1.813
331	-0.01	-0.2256	-0.2023	-0.7657	-0.28		0.1663	1.726	0.6198	
332	-0.3175	0.1969	-0.06977	0.05676	-0.2575		0.7588	1.078	-0.0577	-0.02625
333	-0.095	-0.06062	0.7127	-0.1707	-0.555	0.385	1.031	-0.5194	0.4348	-0.5037
334	0.2	-0.06563	0.2877	-0.4657	0.19	-1.03	-0.8237	-0.4944	0.1598	-0.2388
335	-0.4939	-0.4095	-0.9262	-0.4496	-0.3439	0.5161	-0.2476	0.5117	1.166	0.6273
336	1.035	1.38	0.163	-0.02049	0.6353	-0.5947	-0.9285	-0.5491	0.3151	0.4365
337	0.6475	0.2419	-0.1748	0.3418	-0.1425	0.1275	-0.7462	1.923	1.697	1.379
338	-0.4343	-0.4899	-0.5566	-3.91E-05	0.0357	0.8157	0.662	0.4613	0.7755	0.637
339	0.88	1.344	-0.3823	0.5143	0.57	-0.72	0.01629	0.01562	0.1998	0.05125
340	0.45	-0.1256	-0.07227	0.5843	0.93	0.15	-0.1737	2.136	1.93	1.701
341	-0.135	-0.2906	-0.2873	-0.1607	0.035	-0.655	0.05129	2.931	2.215	2.016
342	0.2914	-0.1142	-0.04086	-0.8843	-0.2686	0.6214	0.5577	3.897	2.651	2.423
343	0.05555	-0.5101	-0.5067	-0.2802	0.5055	0.1055	-0.2982	1.991	1.265	1.037
344	0.1	0.2444	-0.4123	-0.6557	-0.32	0.04	-0.3937	1.966	1.48	1.201
345	0.4872	0.4316	-1.085	-0.3386	-0.4828		0.2435	0.6228	1.017	0.7884
346	0.58	0.3844	-0.5023	-0.09574	0.07	-0.91	0.3063	0.5856	0.7798	0.4812
347	0.4	0.9344	0.4077	0.1843	0.2	-0.18	-0.9537	-0.7344	0.7298	0.4412
348	-0.03219	0.002187	-0.8545	-0.00793	-0.3422	-0.6822	0.1141	0.8534	-0.1524	0.2291
349	-0.2325	0.1519		0.1518	-0.4225	-1.643	0.6038	-0.1969	-0.2927	-0.5812
350	0.1	0.5644		0.1443	5.31E-10	-0.8	-0.4337	0.4756	0.5898	0.3613
351	-0.1342	0.2902	-0.8565	3.91E-05	-0.4542	-0.5442	1.122	-0.1786	0.4856	0.437
352	0.3835	0.3979	0.5412	-0.9022	-1.147	0.1035	-0.1402	.	0.5933	0.4447
353	0.18	-0.5356				2.53	1.136	1.976	-0.2002	
354	0.695	0.4494	-0.6573	-1.191	-0.055	-0.915	-0.7487	-0.6394	-0.1152	-0.5238
355	0.0925	-0.1531	0.1102	0.2068	0.7425	-0.8375	-0.4712	-0.2419	0.6523	0.2638
356	0.118	0.1523		0.7322	-0.02203	0.588	0.4143	0.1136	0.5378	0.8392
357	-0.1928	0.2716		0.4214	-0.02281	-0.3228	-0.01652	0.1728	0.647	0.9284
358	-0.1577	-0.1434	1.05	2.087	-0.8477	0.3623	2.419	0.4379	1.632	1.244
359	-0.1836	0.02078	0.8141	1.491	-1.024	-0.08359	2.163	0.242	1.266	0.8677
360		0.1983	-1.608	-0.9618	-1.186		-0.0398	0.8495	0.4437	0.4152

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
361	0.075	-0.3606	-0.6773	-1.711	-1.515	1.265	0.2213	0.3706	0.0348	-0.08375
362	0.2261	-0.2295	0.01383	-0.3496	-1.074	-0.7539	-0.6376	0.4617	0.2159	-0.1027
363	0.1725	0.01688	0.1902	-0.5632	-0.6775	-0.4875	0.3288	0.7381	1.342	0.6238
364	-0.7775	-0.7331		-0.1132	0.0725		0.2188	1.318	1.872	1.584
365	0.19	0.03437	-0.3623	0.7443	1.27	0.01	0.2463	0.9356	0.7898	1.211
366	0.06031	0.06469	-0.632	-0.2854	-0.1297	-0.1897	-0.2134	-0.2141	0.4101	0.2016
367	-0.06	-0.4356	-0.07227	0.3643	-0.18	-0.09	-0.5837	1.306	2.19	1.991
368	-0.2015	-0.1271	1.216	1.073	0.7185	0.3285	-0.4452	0.3341	0.1183	-0.0002344
369	1.06	-0.2756		-0.2557			-0.05371	1.056	-0.8602	-0.7588
370	-1.108	-0.1738		-0.05387	0.4619		0.8982		-1.118	
371	-0.6	-0.8056	-1.242	-0.005742	-1.26	0.45	0.2263	1.066	1.18	0.6312
372	-0.03406	-0.2697	-0.5363	0.5402	-0.4341	-0.02406	0.1522	0.3016	0.8157	0.9172
373	0.13	-0.4056	-1.122	0.2843	-0.19		0.1663	0.7856	1.71	0.7413
374	-0.02859	-0.07422	0.1391	-0.03434	0.1114	0.7814	0.0977	1.077	2.251	1.673
375	0.5922	0.7566	-7.81E-05	-0.2536	0.1222	1.002	0.01848	1.428	1.762	1.253
376	0.5744	-0.5612		0.4386	0.3044		-0.1493	1.75	1.514	1.816
377	-0.03	-0.3356		-0.03574	0.16	0.38	1.216	0.5256	0.9998	0.9612
378	0.47	0.2044	-0.6123	0.2243	-1.06	0.88	1.096	1.646	1.18	1.001
379	-0.2428	-0.2184	0.09492	0.7114	0.2572	1.447	-0.7765	1.603	1.627	1.948
380	-0.3641	0.1503	-0.7963			-0.3641	0.1522	0.3516	0.1357	0.2872
381	-0.3675	-0.04313	0.2502	0.01676	-0.4375		0.1888	-0.1319	0.8723	-0.2663
382	0.7287	0.003125	0.09648	0.283	0.4987	-0.08125	-0.935	-0.05563	0.4786	0.99
383		-0.2364	-1.943	-0.6865		-1.111	0.2055	0.07488	-0.1109	0.1505
384	-0.4143	0.01008	0.01344	-3.91E-05	-0.8243	0.2857	0.592	-0.4987	0.3555	0.157
385	-0.4475	-0.1231	0.5902	0.09676	-0.8775	0.4125	0.7488	-0.5319	0.7323	0.1238
386	-0.46	0.4944		0.1743	-0.65	0.59	0.2463	0.9656	0.009805	
387	0.2888	0.4931	0.2565	-0.09699	0.1087	-0.3113	-1.045	0.01438	0.1486	0
388	0.23	0.5344	-0.9123	-0.2657	0.34	0.84	-0.3937	0.3356	-0.3202	-0.4888
389	0.2762	0.2705	-0.4461	-0.3296	-0.7338	-0.6838		0.5518	0.246	-0.01258
390	-0.2543	0.3501	-0.8366	-3.91E-05	-0.5643	0.0857	-0.02801	0.5413	-0.4245	-0.373
391		0.4075	-0.6591	-0.6926	-0.8769	-0.4569	0.1994	0.07875	-0.2671	-0.07563
392	0.2572	0.5216	-1.165	-0.3386	-0.06281	0.4472	0.2735	0.1228	0.637	0.4884
393	-0.05164	0.2327	-1.134	0.4326	-0.7316	-0.01164	0.8146	-0.586	-0.5218	-0.6904
394	-0.2928	0.1416	-0.7651	-0.1786	-0.05281	-0.4228	-0.1765	0.4628	0.307	0.1484
395	-0.5811	-0.7767	-1.603	0.1032	-0.7511	-0.2511	-1.185	0.8745	0.6487	0.2002
396	-0.4536	0.3308	-0.8459	-1.009	-0.8136	0.02641	-0.4473		0.3862	-0.04234

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
397	0.1567	0.6211	-0.1255	-0.639	0.1467	-0.09328	-0.637	1.032	-0.5735	-0.332
398		0.004375		0.8743	0.79	0.3	0.1263	0.2056	0.8298	0.4113
399	0.1522	0.9766	-7.81E-05	0.6964	0.1822	1.172	1.088	0.7278	0.382	0.4634
400	0.75	-0.8056			-0.01	0.9	0.4363	0.2756	0.0798	0.4312
401	0.01	0.3944		-0.6857	-0.09		1.126	0.4156	-0.4602	-0.2888
402	-0.6637	0.1806		-1.789	-0.5137		-0.01746	0.1519	-0.1339	0.0975
403	-0.22	-0.3056		0.4143	-0.27	-0.49		0.4456	0.0398	0.3512
404	0.0875	0.2919	0.1152	1.132		-0.1125	-0.1262	-0.4269	0.3173	-0.3112
405	0.0025	0.2969	-0.3498	-3.413	-0.7375				0.1423	-0.4762
406	-0.532	0.6124	0.2558	-1.028	-1.762	1.078	0.7443	1.224	0.8378	1.029
407	-0.04	-0.1956	-0.4123	-0.3157	-1.35		0.2963	0.04563	1.01	0.5212
408	-0.03391	-1.62		1.05	-0.4139	3.276	2.282	1.272	1.316	1.067
409	-0.07	0.07438	-0.01227	-0.1157	-0.15	-0.23	-0.2237		0.2398	-0.04875
410	-0.08875	0.1856	-0.371	0.6455	0.2512	-0.7188	-0.4925	0.4069		0.6525
411	-0.58	-1.596		-1.046	1.13	1.88	3.626	3.916	2.39	1.911
412	-0.06719	-0.2728	0.2805	0.4371	0.2728	0.01281	-0.5609	0.3184	0.4026	0.06406
413	-0.1787	-0.3143	-0.511	-0.3145	-0.4787	1.141	1.518	0.1969	0.2811	0.1425
414	0.3905	-0.8351		0.2148		-0.5795	-0.0132		0.4803	0.4418
415	0	0.5144	-1.582	1.554	-0.82	4.32	3.726	0.05563	0.9398	1.391
416	-0.2766	1.578	-0.1389	-0.002344	0.1734		0.3197	-0.421	0.9632	0.6046
417	-0.5339	-0.7195	-0.2861	-0.2796	-1.014	-0.01387	-0.2376	0.3318	0.9659	0.5374
418	0.05	-0.4156		-0.3657	0.27	0.28	-0.1937	0.2756	1.17	0.6513
419	-0.1138	-0.6794	0.324		0.2462		-0.02746	0.05187	-0.4439	0.5275
420	-0.7	-1.336	1.218	0.1143	-0.11	0.5	0.9763	0.2256	1.74	-1.269
421	0.59	0.7744	0.5377	1.384	0.42	-0.92	-0.6637	0.3156	0.7998	0.2613
422	0.3188	-0.4569				-0.5413	-0.365	-2.646	0.5886	0
423	0.21	-0.3656		0.1543	0.85	-0.95			2.71	2.881
424	0.22	-0.3556	-0.4723	0.1843	-0.44	0.33	0.4763	1.316	1.12	0.7413
425	-0.6	-1.486	-1.442	0.2643	0	-0.32	-0.4337	1.016	1.35	0.7113
426	0.9573	-0.4684	1.985		-0.6627	-0.2027	-0.01645	0.9529	-0.3129	1.829
427	0.1388	-0.3769		1.923	-0.2613	0.7687	-0.455	1.824	1.699	1.83
428	-0.01125	-0.09688	1.346	1.483	-0.5413	1.009	0.675	2.664	2.639	3.27
429	-0.335	-0.4106	1.233	1.229	-0.625		0.3213	2.381	2.115	2.926
430	0.5125	-1.973	0.2702	1.137	-1.158	0.6725	0.6588	1.448	1.282	2.164
431	0.1906	-0.495		0.8449	-0.7194	0.7306	-0.3131	2.426	1.21	1.862
432	0.225	-1.801	0.6327	0.8293	-0.875	0.895		2.431	1.275	1.536

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
433	1.217	-0.1181	0.9852	2.802	0.3775	0.5875	1.584	2.453	2.197	2.819
434	0.4016	0.676	0.4594	-0.0541	-0.3584	-0.02836	0.3979	0.7273	-0.3386	1.463
435	0.1856	-2.10E-11	-1.077	0.1899	-1.504	0.2456	0.001914	0.3713	1.285	0.7769
436	0.1959	-0.1497	-0.3163	0.7802	-0.3541	-0.5041		0.5216	1.496	1.257
437	-0.18	-0.4956	-1.042	0.08426	-1.24	-0.21		0.1456	1.48	0.9412
438	-0.6421	-0.8478	-0.6244	0.01211	-0.3921		-0.03586	1.193	1.998	1.889
439	0.1123	-1.163	0.79	1.257	-0.7477		-0.01145	1.298	2.642	1.614
440	0	0.1844		-0.4157	0.6	1.5	0.6463	0.7156		
441	0.69	0.1944		-0.4157			-0.5037	1.096	0.0698	-0.1288
442	1.165	-0.6506	-0.5473		-0.005	0.685	1.581	1.571	1.375	2.726
443	0.9345	-0.06109	0.6423	0.7488	0.6145		0.0008203	0.4302		2.016
444	-0.19	0.3044	0.2877	0.3743	0.21	-0.11	0.4063	0.9556	0.009805	0.00125
445	0.405	0.3194	-0.3073	0.1393	0.115	0.195	0.01129	1.391	1.435	0.8762
446	0.1648	-0.6508	0.3925	0.9391		-1.135	0.7411	0.6204	0.2046	1.286
447	0.0525	0.5269		-0.1132	-1.018	-1.108	-0.2912	-0.02187	-0.1277	0.6338
448	-0.1816	-0.6273	-0.09391	-0.2974	-0.7116	-0.4416	-0.2754	-0.336	1.078	0.6696
449	-0.6307	0.3837	-0.103	-0.4764	-0.1907	-0.3407	-0.07441	0.3249	-0.0008984	-0.07945
450	-1.197	-0.5125		0.3874	3.223		1.079		1.443	3.574
451	-0.7825	-0.3081	-1.275	0.1118	0.7475	1.387	1.554		-0.2027	-0.2212
452	0.2657	-0.3299		-3.91E-05	0.0957				0.7555	0.267
453	1.97	4.374	0.7277	1.784	1.83	0	2.116	-0.7244	-0.0102	-0.3787
454	-0.0752	-0.3208	-0.1275	-1.511	0.2548	0.1848	0.001094		0.2046	0.4061
455	-1.701	2.723		0.09301	-0.5513	1.139	0.905	1.174	0.3586	1.71
456	0.118	0.1823	0.9457	-0.06777				1.754	-0.5922	-0.1708
457	-0.3569	0.3875	-0.2891	-0.05262	0.4931	-0.2069		0.2188	-0.4471	-0.5956
458	0.535	-0.5206		0.06926	1.435	-0.645	-0.1587		0.5848	0.3962
459	-0.38	0.4044	-0.6923	0.2143	0.84	0.66	1.856	1.506	2.53	2.311
460	0.9036	1.558	0.2813	1.228	-0.5664	-0.3664	0.6099	0.3592	0.7034	1.875
461	-0.45	-0.8956	-1.292	-0.6157	-1.2	0.88	0.9063	1.816	1.43	1.151
462	1.105	0.7994	-0.9373		-0.285	-0.015	0.2913	1.281	-0.2952	-0.5937
463	0.06219	-0.1534	-0.6501	-0.1636	0.2022	-0.1478	0.6185	-0.8722	0.342	0.4534
464	0	0.4444	-0.5623	0.8943	-0.07	-0.43	-0.6437	-0.8244	-0.1102	0.1012
465	-0.4646	-0.08023	-0.1169	0.4196	-0.06461	-0.2646	-0.2283		0.5252	
466	0.09391	-0.1017		-0.04184	0.5139	-0.04609	-3.23	1.75	2.014	2.135
467	-0.2	0.2244	-0.1123	-0.1457	-0.15	-0.49	0.1463	0.2256	0.7598	0.8913
468	-0.5915	0.7929		-0.5672			0.1148		-0.02168	

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
469	-0.075	1.239		0.03926	0.015	0.455		0.7806	0.8448	0.4862
470	1.081	0.6756		-0.3245	-0.9088		0.1375	0.8369	0.2211	-0.0075
471		0.2805	-2.196	-0.5496	-0.03387	-0.4639	1.032	0.1618	-0.2941	0.2874
472	-0.47	-0.8856	-0.3623	-0.6757	-0.26	0.61	1.596	-0.1044	1.08	0.4712
473	0.3	-0.4656	0.3977	0.6943	0.73	-0.06	0.7063	0.1956	1.06	0.8312
474	0.09555	0.4299		0.3898	-0.1045	-0.7345	0.09184	-0.7088	0.5754	0.4768
475	-0.1198	0.6846	0.268	0.4945	-0.03977	0.8002	0.2365	1.736	0.84	1.311
476	-0.7987	-0.09437	-1.051	-0.7445	-0.4488	-1.029	0.5375	0.8369	1.041	1.393
477	0.7748	0.2092		-0.7909	-1.415	-0.1752	-0.1489		0.3446	-0.2739
478	-0.3348	-0.9605	-0.6671	-0.2906	-0.2948		0.01145	-0.03922	0.375	0.1064
479	1.138	1.282	-0.2745	-0.04793	-0.8022		0.2641		0.4276	0.05906
480	-0.5864	-0.362	-0.09867	0.4079	-0.5764	0.3736		-1.141	-0.7066	
481	-1.241	-1.346	0.677	-0.5564	-0.7407		-0.5544	0.1549	-0.0008984	-0.1195
482	-0.37	0.6444	-0.4123	0.3443	-0.04	0.36	0.006289	-0.5144	-0.4002	-0.3787
483	0.1241	0.3184	-0.4882	0.5983	0.2241	0.3741	0.3304	-0.4503	-0.3261	-0.2547
484	0.13	0.4444	-0.5923		0.24		-0.1437	0.4156	-0.6102	0.00125
485	0.48	1.714	-0.2623	-0.7057	-1.05	-0.11	-1.124	-0.2144	-0.0902	-0.3387
486	-0.392	-0.08766	-0.3643	-0.3078	-0.262	0.07797	0.4543	0.5836	0.4578	0.4592
487	-0.02414	1.13	-0.3264	-0.06988	0.5259	-0.8841	-1.028	0.6715	0.6257	0.6371
488	0.4487	0.5031	0.3665	-0.577	0.2987	-1.351	-0.365	0.8344	-0.4414	-0.34
489	0.6258	1.25	0.1735	-0.56	0.3058		-0.9179	0.4914	-0.2944	-0.263
490	0.34	0.3544	0.04773	-0.005742	0	-0.43	-0.3137	-0.3044	0.0998	
491	-0.4161	-1.312	0.9216	-0.4718	1.164	0.7239	-0.3498	-0.07047	-1.026	1.405
492	-0.8694	-1.025	0.8584	0.9649	1.751	-0.2294	0.1769	-0.8737	-0.9696	-0.9781
493	0.2489	0.7633	0.2567	1.993	-0.3311	-0.1111	0.07523	-0.9054	-0.1113	-0.0498
494	0.04719	0.3816	0.9149	0.1114	0.4472	-0.3928	-0.3665	0.1128	0.09699	0.4084
495	0.5251	-0.04051		-0.1406	-0.4649		-0.4886		0.3749	0.9664
496	0.1778	-0.3178	-2.784	0.07207	0.1778	-0.3822	0.6941	0.3134	0.5876	0.3291
497	-0.19	-0.4756	-1.102	-0.7757	0.62	0.39	0.9363	1.736	1.25	0.7313
498	0.6286	1.123	-1.224	0.01285	0.9586	-0.9814	-1.185	1.384	0.3484	0.4598
499	-0.34	0.2244	-7.502	0.4743	-0.63	-0.64	-0.9437	-0.1344	0.4898	0.3312
500	0.7163	0.3106	-2.636	0.8905	0.2463	-0.1938	0.07254	1.012	1.506	1.118
501	0.8731	0.6575	-0.7191	0.5774	-0.4169	1.973	2.449	0.9888	1.413	-1.886
502	-0.29	-0.2156	0.2877	0.1643		0.28	-0.003711	1.316	2.27	1.491
503	-0.255	-0.5906	0.4427	-0.1307	-0.485		1.161	0.5506	1.735	1.556
504	0.0848	0.4992	-0.6475	0.4691	0.5148	-0.7552	-0.2689	1.13	1.275	0.9861

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
505	-0.45	-0.4956	0.6877	0.2243	0.38		-0.1437		0.4098	1.311
506	-0.145	-0.7206	0.04273	0.3393	0.825	-0.135	-0.5887	2.871	2.185	1.986
507	-0.4089	-0.1445	-1.881	-0.8646	-0.3389	-1.489	-0.9426	-0.2133	-1.359	
508	0.12	0.2644		-0.3557	-0.41			0.5056	-0.6602	-0.9788
509	0.05	0.1444	-0.6323	1.224	0.27		-0.7137	-0.7944	-0.0402	-0.6687
510		-0.1856			-0.02	-0.19	0.2163		-0.4402	-1.159
511	0.18	-0.2556		-0.4557		-0.23			-0.4002	
512	-0.085	0.7094	-0.1273	0.07926	-0.395	0.395	-0.2087	0.1606	0.0948	0.2063
513	-0.06172	0.5527	0.166	-0.3775	-0.3817	0.1583	-0.5854	-0.1961	0.6381	0.2895
514	-0.505	-0.7206	-0.7173	-1.011	0.145	-0.525	-0.4587	1.041	-0.6452	0.1662
515	-0.3344	-4.66E-12	-1.477	-0.6001	0.7156	-0.6644	0.07191	1.021	0.7354	0.09687
516	-0.4222	-0.8378	-0.6145	-0.7879	-0.4522	-0.7822	-0.0359	0.4334	1.968	1.639
517	-0.2227	-0.1983		-0.6484	-0.06266		0.2436	0.553	-0.05285	0.6486
518	0.4756	-1.40E-11	-2.737	-1.03	-1.154	-4.344	-0.9081		-0.2446	-0.1431
519	0.8972	0.6416	0.7149	-0.2486	0.3572	-0.4228	0.2035	-0.5472	-0.753	0.008437
520	1.28	0.3244	0.6077	-0.4057	0.76	-0.99	-0.7537	2.186	0.7398	0.7912
521	0.06453	-0.1111	-0.3877	-0.5812	-0.3155	-0.4155	0.0008203	0.8302	0.9143	0.9858
522	-0.467	-0.9027	1.031	-0.05277	-0.487	0.833	1.329	0.6286	0.1828	0.4242
523	0.5511	-0.2845	2.189	0.6354	-0.5689	1.321	1.867	0.04676	0.3709	0.3224
524	-0.005	-0.2706	-0.08727	0.3693	0.115			1.081	-1.135	0.5262
525	-0.04	-0.5756	1.198	0.3143	0.76	0.47	0.006289		0.1898	1.241
526	-0.3944	-0.15	-0.2166		0.5456	0.7656	0.4219	-0.2987	1.095	0.2269
527	-0.8636	0.4308		-0.4393	-1.554	0.7964	0.0227	0.732	0.3762	-0.2223
528	-0.6338	0.09063	-0.496	-0.02949	0.1762	0.6362	1.483	0.7719	1.036	
529	0.05	-0.5656	-1.002	0.02426	-0.29	-0.61	-0.6137	-0.4544	0.5698	0.1612
530	-0.5134	0.4209		-0.7192	0.4466	2.337	-0.7571	0.002187	-0.6336	-0.5322
531	0.1778	0.002188		0.3421	-0.5522	0.5678	0.5141	0.1934	0.1076	-2.211
532	-0.22	-0.1356		1.674	0.23	-0.21	-0.3937	0.8456	0.3898	0.3612
533	-0.3641	0.2702	-0.6364	1.74	-1.034		-0.7279	-1.269	0.2357	-2.693
534		-0.9545	-0.06117	0.4154	-0.3089	-0.5489	0.09738	-1.343	-0.7291	
535	0.06406	-0.001563		-1.052	-0.1559		-1.02		-0.09613	
536	-0.5876	0.3168		-1.453	-0.7976	-0.4776	-1.871		-3.128	
537	1.093	1.357	1.701	-0.8226		0.7131	-1.381	-1.811	-1.217	0.6844
538	1.251	1.976	-0.9009	-1.214	-0.5087	1.901	2.828	-0.913	-2.439	-1.027
539	0.5141	-0.6615		-0.4216			0.9604	-2.29	-0.08605	0.3154
540	-0.4017	-2.677	-1.614	0.2025	-1.482	-0.4717	-0.9454	-0.2661	0.07809	-1.46

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
541	-0.46	0.5244	-1.032	-0.9057	0.42	-0.02	2.106	0.3656	0.0298	-0.6287
542	0.1094	1.414	-0.1229	-0.2564	-0.5206	0.8794	1.756	1.335	0.05918	0.04063
543	0.4		-1.242		-0.62		1.616		0.5698	0.6512
544	-1.073	-0.8184	-1.085	-3.019	-1.503	2.987	2.563	1.783	1.657	1.168
545	-0.68	-0.6956	-1.692	-3.306	-0.26	1.73	2.506	2.636	1.64	1.151
546	0.19	-0.1856	-0.4723	0.9243	-0.64	0.75	-0.5037	0.6756	-0.4702	-0.5288
547	0.7672	-0.5984		-1.139	0.08719	2.057	2.013	-0.007187		-0.9516
548	-1.02	-1.665	-0.1221	-0.4655	-0.5198	1.01	0.5565	-1.564	-0.72	-0.8785
549	0.8478	1.332	1.706	1.242	-0.4722	-0.7922	-1.676	1.223	0.6876	0.6291
550	0.01	-0.9556	-0.6623	0.5343	0.31	0.11	-1.014	-0.7644	0.9398	0.5212
551	1.355	0.5994		0.1093	-0.795	-0.215	0.4413	0.4406	0.7248	1.266
552	0.2372	1.282	-0.6251	0.9614	1.267		-1.497	-0.7172	1.467	0.5384
553	0.14	-0.1056	-1.072		-0.2	0.27	0.09629	0.1856	0.8798	0.06125
554	-0.3489	-0.8245		0.2454	0.3111	0.3011	-0.1126		0.1209	-0.6377
555	0.47	0.7544	-0.5523	-0.9757	-0.5	-0.26	-0.4037	0.1856	-0.3202	
556	0.805	0.7394	-0.4373	-0.9607	0.025	0.185	0.08129		-1.155	-0.8938
557	0.755	1.149	-0.3473	-1.101	-0.985	-0.355	-0.6987	0.8506	1.305	0.8662
558	-1.37	-0.3856	1.008	0.4043		0.69	-0.3737	1.266	1.16	-0.07875
559	-0.1979	-1.113		-0.4736	0.4421		-0.2716	0.8578	0.03195	-0.3266
560	-0.5994	-0.055			-0.04937	-0.2694	0.3369	1.036	-0.5596	-0.1081
561	-0.53	-0.1556	-1.932		0.38	2.4	-0.3137	1.476	-1.4	2.781
562	-0.27	0.03437		-1.686	-0.71			1.816	-1.16	-0.3188
563	0.5903	0.2047		-0.6754	0.2703		0.2466	-0.6341	-0.1599	-0.5584
564	0.8723	0.5366		-0.4935	0.2823	-1.488		0.04789	0.02207	-0.4565
565	0.08937	-0.1063		-0.7964	2.859		-0.6743		-0.08082	-0.7594
566	-0.2889	-0.3445	-0.3412	-0.5546			0.8774	2.437	0.6509	0.1623
567	-0.3713	0.02312	-1.074		-0.2513	1.379	0.735	2.274	0.1086	0.37
568	0.1472	-0.1384	-2.615	-1.969	-0.02281	-0.5028	0.6735	0.6028	-0.133	-0.4716
569	-0.2184	0.9359		-0.9042	-0.9684		0.7179		-0.4686	-0.6472
570	-0.1469	-0.0025		-0.9426	1.603		0.1994	0.9488	-0.8571	0.004375
571	0.8103	-0.4053		-0.3254	-0.7097		-0.0534	1.166	-0.4999	-0.08844
572	0.5561	-0.2695		-0.6296	-0.02391	0.08609	-0.3176	1.302	0.1559	-0.4327
573	0.5834	0.04777		0.01766	0.1134		-0.08031	0.499	-0.8468	-0.2854
574		0.8723		-0.9078	0.8579		0.2342	-0.1164	-0.7923	1.299
575	-0.3138	-0.6494		-0.6795	0.2262	-3.134	-0.3175	1.432	-1.404	-0.6425
576	0.7708	-0.1449		-0.465	-0.6392	-0.7292	0.3871	0.9664	-0.6194	-0.698

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
577	0.57	0.6844	-3.802	-0.3757	-0.4		0.1363	1.076	-1.32	-0.7187
578	0.537			-0.1488			-0.02676	0.1326	-0.2132	-0.5318
579	-0.2339	0.3005		0.2904		2.136	0.7124	0.9717	-0.1741	0.4773
580	0.37	0.1844	-3.132		0.11		1.426	0.8156	-0.5302	0.1913
581	0.7072	-0.08844		-0.5386	0.3972	1.927	0.5835	-0.1572	0.137	-0.08156
582	1.966	0.53		-0.3001	0.2156		-0.008086	-0.01875	-0.3646	-0.6831
583	0.78	-0.05563	-1.812	-0.5857	-0.65	0.16	0.5963	1.466	0.6198	0.4512
584	2.97	0.1144	-1.142	-0.4957	0.02	-0.91	-0.2037	0.7056		3.001
585	0.7706	0.255	-1.912	0.3549	0.2006		-1.163		-0.2296	1.722
586	-0.3169	-0.1325		-0.7426	-0.6869	0.8031	0.4994	0.1788	-0.5671	-0.03563
587		-0.3156		-1.996	0.26	0.81		0.1656	-0.3902	0.6513
588	0.02813	0.4525		-0.6876	-0.02188		0.4744	0.1838	-0.6821	0.02938
589	0.7132	-0.3624		2.937	-1.097	1.353	0.5295	0.1289	-0.03695	2.944
590	0.1956	1.49E-08		0.3599	-0.6844	0.9756	1.032		0.2054	
591	0.08578	0.3202	-2.196	-0.45	-0.2542	3.666	5.062	-0.8286	-0.01441	
592	0.6251		-0.7072	-0.5207	-0.2449	1.135		-0.9093	1.255	1.336
593	0.9148	1.919	1.763	1.029	-1.575	1.975	2.261	-0.2296	0.7146	1.986
594	0.8402	-0.3254	1.858	0.6845	0.9202	-0.5598	-0.8235		-0.6	
595	0.4694	1.094		0.6336	-0.9706		-0.4243	0.675	-1.331	-1.129
596	0.2113	-0.4544			-0.1388	1.801	-0.3125	1.607	0.9811	0.3225
597	0.01	-0.4256	-0.4223	-0.5557	-0.26	-0.55	0.6663	1.556	-0.7402	
598	-0.725	-0.05062	0.1427	0.5293	0.345	0.675	-0.1887	-0.08937	0.5548	0.8463
599	1.22	-0.6056	-0.5023	-0.8357	1.46	-0.63	0.2863	-0.1144	-0.5202	-0.3288
600	-0.38	0.3544	-0.5723	-0.1657	-0.07	-2.48	-0.1437	0.06563	-0.1302	-0.2288
601	-0.07773	0.1866	-0.3	-0.5635	-0.4277	0.3423	-0.4414	0.8479	1.322	1.174
602	0.2555	0.2999	0.06328	0.2498	0.005547	0.8455	0.5318	0.2412	1.025	0.0868
603	0.065	0.2394	-1.337	0.5893	2.175	-0.445	-0.2487	1.481	0.2448	
604	0.57	0.1744	0.7777	-0.05574	0.42	0.78	0.2063	0.4656	1.02	-0.1487
605	-0.54	0.8544	2.268	-0.09574	0.29	1.3	-0.4537	-1.854	-1.37	-0.4788
606	0.3058	0.7502		0.07008	1.086	1.486	-0.7779	-1.579	-1.794	-0.2029
607	-0.0325	0.08188		-0.5582	-0.2025	1.337	0.07379	0.5531	0.1473	0.1488
608	-0.4333	0.3211	1.784	0.04098	-0.3533	1.307	-0.03699	0.6023	0.4565	0.238
609	0.2245	0.5489	2.222	-0.3312	-0.5155	1.545	0.0008203	0.5702	0.3943	-0.01422
610	-0.4044	-2.33E-12	2.393	-0.1301	-0.5644	1.606		0.6313	0.7654	0.4969
611	-0.6113	0.1631	2.116	0.123	-0.6713	1.579	0.07504	0.5344	0.1586	0.2
612	-0.2435	0.05086	2.324	0.8707	-0.3535	3.336	1.513	2.352	1.776	1.198

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
613	-0.2828	-0.2784	2.715	1.391	0.5172	3.787	1.943	2.873	2.267	3.348
614	-0.08711	-0.3527	2.851	1.287	-0.05711	3.893	1.869	2.689	2.293	1.874
615	-0.5389	0.2255	0.2088	0.6454	-0.2889	1.251		0.07672	-0.2191	-0.3977
616	-0.2296	0.6747	1.388	-0.03539	-0.8996	1.12	0.1866		0.6302	0.9516
617	-0.5906	0.4037	1.307	0.04363	-0.8806	1.079	0.2857			1.021
618	-0.09	0.1644	1.388	-0.2857	0.22	1.3	0.4163	1.786	-0.4902	0.7412
619	-0.03	1.004	-0.7123	1.584	0.03		0.5063	0.6756	1.24	1.181
620	0.7313	-0.9244	-0.221	2.016	-0.05875	0.2412	-0.5025		1.681	2.143
621	0.035	-0.1906	-0.3173	0.7893	1.025	0.035	-0.4187	0.9506	0.6848	1.186
622	0.3859	0.4302		0.9501	-0.06414	0.5059	0.9721		0.2157	3.047
623	-0.08781	0.3366	0.2499	1.126	0.4322	0.002187	-0.9215	-0.002187	0.822	0.3134
624	1.029	0.7831		2.383	1.149		0.885		1.349	1.71
625	0.5658	0.3602	-0.08645	0.6501	0.5758		-0.04789		0.4856	1.057
626	0.055	-0.4006	-0.5473	0.4993		0.865	-0.2587	1.461	1.125	1.106
627	0.27			1.374	0.03				1.36	1.721
628	0.92	1.034	1.018	1.224	0	-0.24	-0.4237	1.606	1.24	1.441
629	0.0275	-0.2281	1.055		0.5675	1.137	-0.4262	1.843	1.387	1.189
630	-0.7477	-0.6733	-0.009922	0.2266	-0.1177	-0.1077	-1.121	0.04797	0.6121	-0.006406
631	-0.08687	-0.5325	-0.5991	-0.3126	-0.5669	-1.627	-0.2906	0.1988	0.5929	1.164
632	0.4562	-0.009375		0.3005	-0.2338		-0.5175	2.312	1.136	-0.6025
633	0.8701	-0.4255	3.158	1.184	0.9201		0.01637		1.51	1.091
634	0	-0.4656		-2.116				1.676	-1.31	0.06125
635	-0.7326	-0.5382	2.315	0.2816	1.797		-0.3763	2.223	1.217	
636		-0.4145	0.1588	-1.185	1.331	-1.359	-0.3526	1.417	1.971	1.252
637	1.01	0.1144	0.06773	0.1543	1.13		-0.3137		-0.4802	-0.1887
638	-0.1372	-0.3628	0.6805	-0.4629			-0.5109	0.2184	0.6526	0.03406
639	-0.1138	-0.009375	-0.356		-0.3638		-0.6375	1.612	0.5461	
640	0.003125	-0.9225	0.7009	1.087	0.6831	-0.6469	-0.3206	-0.6312	0.01293	-0.1256
641	-0.2007	2.354		-0.3964			0.5956	1.985	-0.0008984	1.211
642	-0.13	0.4244		-0.2257	-0.27		-0.1037	0.7156	0.0798	
643	0.2387	-0.02688	-0.3935	0.463	0.09875		-0.745	1.014	0.4186	1.55
644	0.1694	1.104	0.9871	0.2436	1.469		0.005664		1.129	1.261
645	1.339	-0.407	1.126		1.259		-0.6951	2.384	1.218	0.7598
646	-0.1912	0.3231	-1.224	-0.617	0.1787	-0.6113	-0.135	1.704	0.4286	0.86
647	-1.405	-0.4905	-0.8871	-0.9006	0.1252	0.9552	-0.7986	3.861	2.935	2.656
648	0.61	-0.6356	0.3377	-5.256		-0.41	-0.3637	3.006	1.7	-0.5788

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
649	-0.21	0.1744	0.2477	0.5643	0.63		-0.4237		1.45	2.001
650	-0.1639	-0.1095		-0.2096	0.05613		-0.6676	0.9418	0.9859	2.527
651	0.3825	0.7669	0.2502	2.427	0.3325	2.942	2.479	1.238	0.8723	2.074
652	0.3558	0.4701	-0.4165	2.48	0.3858	3.646	2.422	1.781	0.4756	2.127
653	0.3789	0.02328	0.2066	1.033	2.399	0.5189	-0.3548	-0.3455	-0.4613	0.2602
654	1.25	-1.126	2.857	1.344	1.66	1.28	0.836	-0.1647	1.709	-1.199
655	0.03	-0.3056	-1.272	-0.06574	-0.03	0.67	0.3863		1.39	0.8013
656	0.3831	-0.2825		0.04738	-0.1569	1.493	-0.2506	3.229	0.8929	0.8344
657	0.405	0.07937	0.2827	0.2693	0.235	0.035	0.01129	2.921	1.825	2.236
658	-1.309	-1.214	0.339	0.6955	1.101		0.7275	2.517	2.071	3.222
659	-1.266	-1.522	0.001328		2.344	0.2036		3.309	1.893	2.845
660	-0.9375	-2.093	-0.6798	1.157	2.852	-0.2175	0.4388	3.838	2.342	3.114
661	-0.8466	-2.342		0.5777	3.803	0.07344	1.09	4.699	1.413	
662	-0.1738	-0.4594	-1.226	-0.3395	0.4862		0.5225	2.912	0.9761	1.717
663	-1.465	-0.6209	2.202	1.259	1.275	-1.255	0.601	3.53	1.954	2.006
664	-1.192	-0.7081	2.635	1.262	2.228	-0.6325	0.8838		1.727	2.739
665	-0.427	-0.4926	-1.639	0.6173	1.783		0.08934	3.039	2.533	3.064
666	0.34	-0.3656	-0.02227	-0.05574	1.13	0.23	-0.4837		3.21	3.731
667	0.97	-1.696	-0.5523	1.324	2.65	0.49	-0.2437		3.67	4.371
668	-0.5725	-0.08812	0.2352	-0.1182	1.678	-0.0625	0.3138	4.923	2.927	1.899
669	1.103	-0.2527	0.1307	0.5072	1.613	1.183	0.4592	2.949	2.013	2.934
670	-1.07	-0.7156	-0.8823	-0.5457	2.38	0.42	0.8763	5.596	3.42	3.371
671	-0.1955	-0.1511		0.7488	2.215	1.085	0.0008203	3.92	4.244	2.256
672	-0.7677	-0.7234		-1.283	2.382	0.01227	-0.01145	5.488	3.882	3.714
673	-0.9489	-0.4545	-0.9112	0.6554	1.491	0.08109	-0.4026	4.037	2.711	2.882
674	-0.57	-1.296		0.5543	3.29			6.646	2.56	4.151
675	0.3978	-0.03781		1.022	1.918	1.188	-0.0959		1.248	2.709
676	-0.09	-0.2356	0.6777	0.6143	1.16	1.43	1.186	2.466	1.73	1.601
677	-0.4062	0.05813	0.3815	0.508	0.3038	0.06375	0.42	0.7594	1.424	1.145
678	0.24	-0.3056	0.5777			1.26	1.186	2.896	1.64	2.491
679	-0.97	-0.5456		-0.3857	0.51	0.8	0.9963	3.266	2.72	1.881
680	-0.035	0.3494		0.09926	-0.665	0.225	1.391	1.501	1.315	1.596
681	0.9178	-0.09781	-0.1745	0.7821	0.8378	0.6378	-0.3459	1.833	2.058	2.379
682	-0.2339	-0.1795	0.1538	1.28	0.7461	1.786	1.132	2.092	2.746	2.887
683	-0.4977	-0.9834	1.17	1.197	0.4523	1.492	1.359	1.448	2.282	2.944
684	0.58	-0.5556	0.7677	0.4443	0.09	2.97	0.9363	3.536	3.13	3.181

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
685	-0.4513	-0.4469	1.596	0.103	-0.3113	2.889	0.565	3.844	3.469	-0.25
686	-0.3313	-1.967	2.336	0.613	-1.101	3.629		4.304	4.239	4.1
687	-0.52	-1.336	1.658	0.1443	-1.13	3.06	0.4963	3.776	3.86	3.151
688	0.05	-0.4356	0.2977	1.164	0.36	0.94	0.9763	3.526	2.49	3.461
689	0.01719	-0.5284	0.9549	0.3414	0.4972	1.647	1.073	3.133	2.387	3.768
690	-0.5241	-0.2598	1.094	0.3301	0.09586	0.7959	0.9121	2.321	0.7257	2.127
691	0.2087		0.7465	1.213	1.509	0.2687	0.525	4.534	1.279	2.42
692	0.1903	-0.6953	1.078	0.9446	0.04031	1.03	-0.1934	0.3059	0.6701	0.3716
693	0.2023	-0.3534		0.5065	0.5423		-0.02145	0.8879	0.9821	0.9635
694	0.6459	-0.5997		0.8302	0.2059		-0.3178	1.082	1.106	0.9472
695		-0.6594		2.071	0.5862			0.2919	1.126	1.847
696	0.7387	-0.3369	-0.6935	1.553	0.6287		-0.03496	0.9644	1.649	1.29
697	0.2322	-0.7834	-0.3101	0.7364	-0.05781			0.9578	0.922	0.7634
698	0.463	-1.253	0.2708	1.137	-0.637	0.673	0.2593	0.5787	3.093	2.734
699	-0.57	-1.316	0.09773	0.2643	-0.74	1.33	0.9963	0.8556	0.9298	1.561
700	0.4966	-0.2691		1.071	0.4266	1.357	-0.007148	2.322	2.226	3.848
701	-0.1764	-0.08203	0.001328	0.4579	-0.3164	-0.2464		0.7792	1.163	3.775
702	0.6711	0.1555	-0.01117	1.425	0.02109	2.081	1.357	2.487	1.941	0.7623
703	0.8513	-0.06437	-0.191	1.416	0.1913	2.681	1.428	2.427	2.091	1.993
704	0.285	-0.7806	-0.6773	0.2093	1.075	0.345	-0.3887		2.055	2.706
705	0.3361	-0.3595	0.01383	0.2404	0.8561	0.6361	-0.4276	0.3617	0.7659	1.687
706	0.1003	-0.2754		-0.2855	0.3503		-0.5034	1.456	-0.02992	1.062
707	0.4723	-0.07336			-0.09773		0.4686		0.8321	0.7035
708	1.075	-0.2606	0.1527	-0.7807	-0.685	0.365	-1.099	0.2306	1.055	0.05625
709	1.076	-0.1697	0.2137	0.0102	-0.5241	0.5859	-0.1078		0.6357	0.5172
710	1.218	-0.007813		0.1421	0.4478	0.7678	0.3241		1.878	
711	1.116	-0.1099	-0.2566	-3.91E-05	0.6657	0.8057	0.302	2.421	1.826	1.097
712	0.9962	0.5905		0.1604	0.09617	0.6762	0.5525	2.002	1.566	0.1474
713	1.236	-0.09008	0.9633	0.4898	-0.02445	1.586	0.1418	1.471	1.975	1.957
714	1.398	-0.4775	1.366	0.9424	0.1681	1.328	0.06441	1.824	1.848	2.289
715	-0.8	0.5344		-1.046	0.57		-0.1137	1.386	0.0898	0.4512
716	-1.163	0.02152	-0.9151	-0.7286	-0.7529	-0.1329	-0.08656	0.7128	-0.01305	-0.4116
717	0.4537	-0.6819	0.1715	0.108	0.07375	0.6937	0.06004	0.6994	1.784	1.435
718	-0.4813	-1.297	-1.614	-2.067	-0.1313	-1.641	-0.355	1.554	1.929	1.85
719	0.945	0.6794	0.4927	0.2193	0.905	0.095	-0.2287		1.315	0.8762
720	-0.12	-0.5956	0.8077	0.6143	.	1.89	-1.204		-0.3302	0.8713

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
721	-0.165	-0.7606	1.163	0.9093	-0.745	1.275	0.8213	2.031	2.535	2.056
722	1.4	0.3041	-0.02258		0.2097	0.6297	-0.754	0.3053	0.6895	2.881
723	-0.23	0.5044	-0.5023	-0.4257	0		1.056	1.026	1.23	0.9913
724	0.3594	0.2138		-1.966		0.1794	0.4857	1.895	1.119	
725	1.28		0.9677	-0.9657		1.31	0.2063		-0.0302	
726	1.453	-0.843	0.0003906	1.047	1.783	0.1427	0.05895	1.138	0.6425	-0.1261
727	1.147	-0.7281		0.2418	0.8275	1.017	-0.1262	2.453	0.3473	
728		-0.5399		-1.7	-0.4543		-0.168	1.901	0.8755	
729		-0.2028	1.181	0.9271	1.153	0.8628	-0.2909	0.7684	1.023	0.5341
730	0.6144	-0.8513	1.322	0.8486	1.334	1.184	-0.4793	0	0.9542	0.7756
731	0.11	0.3844	-0.4923	0.7943	0.61	-0.29	0.5463	-0.4144	0.2398	0.00125
732	0.05414	0.5485	-0.2181	-0.5016	-1.146	0.2341	0.3004	1.02	0.7639	0.3554
733	1.1	-0.07563		-0.02574	0.11	-0.63	0.6163		0.0298	-0.3488
734	-0.2773	-0.533	0.1804	0.2069	0.3027		0.7689	1.618	2.542	1.904
735	0.04508	-0.0005469		0.4393	0.3651		0.001367	1.231	-0.1251	-0.3837
736	0.1397	0.4841	1.027	0.1539	0.2997	0.1997	0.04598	-0.004687	-0.01051	0.1909
737	-0.03086	-0.03648	-0.6431	0.5834	-0.5209	1.869	2.325	0.8048	1.279	1.19
738	0	-0.2656	-0.4823	0.5243	-0.12	0.82	0.9163	0.3756	0.9598	0.8112
739	0.08563	0.47	0.5634	-0.02012	-1.564	1.046	2.072	0.5013	0.8654	0.8369
740	-0.03437	-0.03	-0.6566	0.4199	-0.2444	-0.2144	-0.3481	0.6213	0.6454	0.3869
741	-0.1019	0.0725	-2.264	0.1924	0.4381	-0.3919	-0.2456	3.114	1.068	1.179
742	-0.59	-0.1056	-0.1423	0.1143	0.11	0.42	0.2263	-0.7244	-0.1702	0.1413
743	-0.34	0.3044	0.3477	0.7143	0	0.92		2.036	2.29	2.101
744	-0.5075	-0.6931	-0.1698	-0.9732	-0.6375	0.6725	0.7488	-0.2719	0.5423	0.4338
745	-0.7937	-0.3894	0.304	-0.7395	-0.1237	0.4462	0.7225	-0.1081	0.2061	-0.1625
746	-0.5342	-0.4898	-0.2864	1.34	0.7458		0.1221	3.111	1.146	1.417
747	-0.5825	-0.6181	0.5852	1.452	-0.0225	0.7575	0.7538	2.313	1.937	1.579
748	-0.3389	0.4155	0.6288	1.235	0.1111	0.5511	1.197	2.477	1.741	1.592
749	-0.1836	-1.149	0.1641	1.381	-0.4436	0.7764	0.4727	1.522	1.076	1.348
750	0.0474	-0.9082	0.06514	0.4817	-0.6526	1.947	0.3337	1.533	1.777	1.049
751	0.5812	0.9255		-0.2946	0.7412		0.3175	1.607	2.841	2.992
752	-1.092	-0.7081	1.145	0.4818	-0.1525	1.277	1.444	-0.7969	0.6273	0.2688
753	-0.8521	-0.6278	1.636	-0.06789	-0.3621	1.338	-0.1959	0.9435	2.028	2.039
754	0.5967	-0.2489	0.7145	1.131	-0.1133	0.3367	-0.717	-0.2877	0.3765	1.268
755	-1.123	-1.499	-0.6655	0.581	0.1967	-0.1633	0.04301	1.952	1.157	1.968
756	-0.335	-0.3606	0.6127	-0.8607	-0.535	1.995	2.161		1.175	-1.174

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
757	-0.6671	-0.3827	0.8206	-0.2429	-0.7571	1.843	2.169	1.149	0.9927	0.3141
758	-1.104	-0.86	-0.1866	0.6099	-0.04437	1.036	1.392		-0.4246	0.1869
759	-0.46	1.414	-1.182	0.9343	-0.51	2.46	2.316	4.256	1.97	2.301
760	-0.6517	-0.5573	1.546	0.4725	0.5683	0.7783	1.235	3.054	1.648	1.88
761	1.317	-1.548	0.7752	-0.09824	-0.7025	1.457	-0.3162	1.013	0.8873	1.089
762	-0.12	-0.1156	0.1577	1.284	0.45	1.55	0.1163	0.05563	1.49	1.101
763	2.116	2.891		-0.3095	3.056		-0.1475	1.132	1.706	0.9575
764	-0.962	-0.6477	-1.064	-0.6078	-0.162	-0.992	-1.486	1.014	0.9278	0.5392
765	-0.9933	-0.9289	-0.1055	-0.359	0.3467	-1.013	-1.237	0.6623	1.077	0.828
766	-0.8028	-0.2384	0.9049	-1.169	0.4772	-0.2328	0.3935	-1.207	-0.443	-0.6716
767	-1.12	-0.2056	-1.552	-0.5857	-0.59	0.27	1.726	-1.224		-3.009
768	-0.8003	-0.3659	-2.863	-1.166	-0.04031	0.3497	1.876	-0.6947	-0.4905	-4.029
769	-0.04	0.3744	-0.6723	0.2943	-0.41	-0.01	1.996	-0.05438	-0.0802	0.5312
770	-0.3256	-0.2412	-2.238	-0.1014	-1.596		0.02066	-0.73	0.9842	-0.004375
771	-0.3544	-0.76	-0.3166		-1.464	1.866	2.422	0.5713	0.07543	0.4569
772	0.1156	-0.03	-0.9566	-0.03012	0.3356	-1.054	-0.2581	-1.519	-0.6446	-0.8831
773	0.015	-0.2906		-1.291	-0.315	0.225	-0.5687	0.8306	0.0248	0.8463
774				-0.5482	0.8175	0.8575	-0.2962	0.4531	0.5173	1.329
775	-0.3625	-0.1681	-0.2048	0.2118	-0.4225	-0.4125	0.1038	-0.6569	0.3473	0.5488
776	-1.332	-1.708	-0.3543	0.1022	0.06797			1.054	0.6178	0.9492
777	0.03	-0.6956	0.5377	0.1643	0.21	-1.18	-0.2837	-0.8444	-0.2002	-0.2487
778	-1.365	-0.8106	-1.477	0.3193	0.265	-0.295	0.9013	-1.049	0.5148	0.1363
779	-0.7927	-0.6384	-0.965	-0.4085	-0.1827	-1.793	-1.036	-1.517	-0.08293	-0.4815
780	0.6187	1.473	-0.4935	-1.027	-1.371	-0.5913	1.335	-0.5256	-0.01145	-0.27
781	-0.2341	-0.9498	0.7236	-0.3099	-0.1841		-0.5279	-0.3785	0.2657	-0.1429
782	-0.7263	-1.212	-0.6786	-0.6621	0.5837	0.01367	-0.25		0.4235	0.5049
783	-0.4584	-0.514	0.05938	-1.594	1.322	-0.6284	-0.6521		0.06145	-0.1771
784	-0.4332	-0.1688	1.115	0.201	-0.9232		-0.6769		-0.5534	-0.402
785	0.46	0.4344	-0.8723	0.5643	0.63	-0.9	0.1363	-0.2244	0.4098	0.09125
786	-0.965	-1.031	-0.9773		-0.475	-0.825	-1.709	0.6306	0.0848	0.09625
787	-0.3842	-0.5298	-0.3365	0.24	1.136		0.02207		-0.3944	-0.283
788	-0.6022	-0.2178	-0.5345	0.6221	0.02781	-0.6722	0.1341	-0.02656	0.4476	0.4291
789	0.3	-0.01563	-1.192	-0.4157	-0.03	-1.58	-1.314	-0.3944	-0.2802	-0.3188
790	-0.43	0.08438	0.3177	0.05426	0.53			-1.514	-0.2802	0.2413
791		-0.2134	-0.4	0.3565	0.5523	-0.8877	-0.03145	-0.1121		-0.3965
792	0.1673	-1.128	0.02508	0.6416	0.1273	-0.6627	-0.6964	-0.807	0.4871	0.1686

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
793	-2.264	-1.89	-0.01617	-1.85	-0.2839	0.9161	1.942	-0.7783	-1.574	0.2973
794	-0.115	0.06938		-0.8307	-0.415		-0.3587		-0.3152	0.2763
795	-0.55	-0.1956	-0.6023	-0.3557	0.46	-0.85	-0.2737	-0.7744	-0.2202	-0.1188
796	-1.414	-1.139	-0.566		-0.1238	-0.4638	0.3425	-0.05812	-0.3839	-0.2025
797	-0.48	-0.4956	-1.232	-0.1257	-0.44	-0.23	0.6663	-0.9344	-0.2102	-0.7287
798	-0.5872	-0.7628	-0.6795	-0.5129	0.01281	-0.1272	1.039	-0.6116	-0.6374	-0.3559
799	0.5611	-0.5645	0.05883	-1.395	-0.05891			0.4667	-1.279	-1.258
800	-0.4836	0.1808	-1.136	-0.7493	0.1964		0.1227	0.852	-0.5738	-0.3923
801	-0.1487	-0.1244	-0.871	-0.5145	0.3712	0.3412	1.368	-1.243	-0.7289	-0.6275
802	-0.3575	-0.02313	-0.3998	0.02676	0.4725	-0.7175	-0.5412	-1.052	-0.6677	-0.8263
803	-1.16	-0.2056	-1.142	-0.3057	0.28	-1.05	0.006289	-0.7844	-0.5202	-0.3088
804	1.267	-1.099	-1.675	-1.539	0.06695	-0.243	-0.06676	-0.2274	-0.6032	-0.7718
805	-0.8345	-0.5901	-0.08672	-0.8102	0.03555	-0.3945	-0.2782	-0.2388	-0.7446	-0.4632
806	-0.27	0.6644	-0.9223	-0.07574	0.54	-1.73	0.006289	-1.494	-0.0502	-0.1787
807	-1.122	-0.6978	-0.2045	-0.05793	-0.1422	0.3678	0.0141	-0.3766	0.2676	-0.1509
808	-0.6544	-0.3	-0.3366	-0.4601	0.005625	-0.8944	0.04191	0.1213	-0.3246	-0.04312
809	-0.75	-0.4956	0.3577	-0.2757	-0.14	0.3	1.086	0.8756	-0.0802	-0.6387
810	-0.3572	-0.5928	-1.029	-0.5729	-0.04719	-0.3072	0.3491	-0.9816	-0.3774	-0.6859
811	-0.6289	-0.3545	-0.2612	-0.02465	0.3011	-1.819	-0.6326	-0.4233	-1.159	0.4823
812	-1.141	0.04312	-0.9135	-1.087	-0.4613	-1.821	0.06504	-1.646	-0.8314	-1.13
813	-0.125	-0.7706			0.015		-0.7787	0.1106	-2.305	
814	0.3761	-0.1295		-1.45	-0.5739	-1.374	-0.5176	0.4717	-1.754	-1.833
815	0.505	0.9794	-0.8073	-1.611	-0.035		-0.07871	0.3106	-1.235	
816	0.04063	-0.365	-1.752		0.1106		-0.08309	1.676	-1.53	-3.748
817	-1.165	-0.4306	-0.2073	-0.9007	-0.705	-1.605	0.2713	-0.3394	-0.3952	
818	-1.797	-0.3525	-1.129	-1.333	0.1831	-0.3269	-0.6906	0.5988	-0.5971	-0.6556
819	0.5487	-0.4869	-0.6835	-0.877	-1.001	-0.6113	-0.265	-1.756	-0.2614	-1.24
820	0.3974	0.09178		0.1017	-0.2626	0.2274	0.2237		-1.033	-2.321
821	0.2311	0.6455	-1.651	0.3954	0.4111		0.9174	-2.203	-1.309	-1.368
822	0.17	-0.1656	-0.8523	-0.5557	0.85	-0.88	-0.2837		-0.7202	1.171
823	-1.075	-0.5107	-0.2273	-0.8808	-0.1451	-0.8151	0.2412	0.2005	-0.3253	-0.7238
824	0.2156	0.49	-1.777	-0.7501	-0.7344		-0.4681	-0.3487	-0.3246	-0.7731
825	0.08645	0.06082	-0.7458	0.0307	0.07645	-0.2236	0.3127	-0.04793	-0.5238	1.648
826	0.203	-0.3526	-0.8392	-1.253	-0.187	-0.08695	-0.6307		-0.8171	-0.2957
827	-0.3206	-0.2463	-0.5829	-0.5564	0.01937	-1.611	0.1257	-0.795	-0.8208	0.6006
828	-0.2838	-0.7995	-0.3761	-0.7296	-0.4538	-0.7238	-0.2876	-0.3782	-1.094	-0.6126

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
829	-0.2717	0.2127	-0.674	-0.7875	0.6283	-1.852	-0.2054	-0.4861	-0.5719	-0.3505
830	-0.577	0.7573		-1.083	0.433		-0.2807		-1.297	-1.566
831	0.6084	-0.1673		-1.667	-0.7816	-0.7216	1.125	-0.766	-1.532	-0.8104
832	-0.5455	-0.1212	-1.028	-1.231	-0.1355			-0.9499	-1.716	-1.614
833	0.6525	-0.2131		-1.563	-0.5675		-0.7412	-0.2119	-1.308	-0.5262
834	0.3116	-0.09398	-1.481	-2.934	-1.518	-3.508	0.06793		-3.579	-3.477
835	0.006875	0.1413		-2.059	-1.063			-0.0175	-2.123	-1.702
836	-0.2361	-0.4017		-2.022	-1.406		1.32		-2.346	
837	-0.1743	-0.1699	-0.6266	-3.91E-05	0.3757	-0.9143	-0.538	-0.6387	-0.5545	-1.123
838	-0.32	-0.4056	-0.6523	-0.9757	0.08	-0.85	0.2363	-1.084	-1.11	-0.6987
839	0.81	0.08437	-1.222	-1.256	0.28		-0.6937		-0.6502	-0.6588
840	-0.6049	-0.5705	-0.9372	-1.231	0.4251	-0.3749	0.4514	-0.009297	-0.2951	-0.7137
841	-0.255	-0.2906	-0.04727	-0.7407	0.395	-0.185	-0.6187	-0.8394	-0.6852	
842	-0.18	0.1944	-1.392	-0.3057	0.43		-0.3637	-0.4644	-0.3202	-0.2188
843	-0.2557	-0.2513	-0.588	0.5286	0.5043	-0.8357	-0.009414	-0.5401	0.1741	-0.09445
844	-1.07	0.08469	-1.012	-0.01543	0.2503	-0.5297	-0.3634	-2.154	0.02012	-0.1884
845	-0.3427	0.4617	-0.7949	0.1016	0.4573	-1.483	-0.3664	0.02297	0.3971	-0.04141
846	-0.5322	-0.1178	-0.7845	-0.8979	0.04781	-0.7222	-0.3159	-0.8566	-0.5724	-1.161
847	-0.5487	-0.07437	-0.681	0.1155	-0.2888	-0.7688	-0.2625	-0.2331	-0.08895	-0.8075
848	0.2083	1.383	-2.564	-0.1875	0.5983	-1.072	0.2746	-0.9761	-0.001914	-0.1505
849	9.78E-11	0.6044	-3.912	-0.7057	-0.43	-1.14	0.4163		-1.01	-1.909
850	0.46	-0.1056	-1.202	-0.2857	0.71	-1.45	-0.4537	-1.614	-0.8602	-1.999
851	0.1675	-0.1681		-1.638	0.7075		-0.5162	-0.2369	-1.923	-1.821
852	-0.07	-0.5256	-2.982	-2.436	-1.5	-1.43	1.146	-0.8844	-2.5	-2.979
853	-0.2613	0.8131	-1.204	-1.087	-0.4813	-1.571	0.795	-4.516	-1.641	-1.98
854	0.006562	0.5509	-0.7057	-1.259	-0.4134	-0.7334	0.5329		-1.524	-1.572
855	-0.4412	-0.3069	-3.474	-1.187	0.00875		-0.06496	-2.226	-1.251	-1.3
856	-0.00375	-0.4794	-0.856	-1.169	-0.04375	-1.234	-0.1575	-0.8081	-1.234	-0.9125
857	-0.76	-0.4356	-1.092	-1.906		0	0.3663	-1.424	-1.19	-3.089
858	0.24	-0.2756	-1.732	-2.186	0.07		-0.4737		-1.83	
859	0.1881	0.2725	-1.144	-1.178	0.1881	-0.001875	-0.5556	-0.1562	-1.362	-1.921
860	-0.275	-0.7006	-0.1373	-1.231	-0.155	-1.225	-0.1087	-0.8494	-1.175	-1.454
861	-0.205	-0.4406	-0.8773	-1.571	0.405	-2.045	-0.2487	0.1106	-1.115	-0.8737
862	-0.2444	-6.99E-12	-0.2866	-1.98	0.9656		-1.198		-2.265	-1.743
863	0.1872	-0.4084	-0.6451	-1.179	0.2372		-1.057		-1.823	-2.142
864	-0.845	-0.03063	0.9027	-1.911	-0.195		-0.2087		-0.8952	

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
865	-0.4189	-0.01453	-1.011	-1.565	-0.2689	-2.039	-0.1626	0.2967	-1.429	
866	-0.3422	0.2122	-0.8245	-1.518	0.9978	-1.772	-0.3959	-0.8966	-1.702	-3.061
867	-0.1691	-0.004687	-0.2613	-0.9148	-0.02906	-0.7091	-0.3228	-0.9534	-1.099	-1.258
868	-0.4169	-0.0225	-1.339	-1.953	0.3231		-0.8306	-1.191	-1.697	-1.596
869	-0.09719	-0.2528	-0.5295	-2.783	-0.3672		-0.6609		-2.107	-2.006
870	-0.2772	-0.1428	-1.309	-1.023	0.3128		-0.1409	-0.6816	-1.827	
871	-0.2184	0.356	-0.5906	-1.294	-0.6084	-0.7984	0.00793	-1.623	-1.649	-1.547
872	-0.7937	-0.009375	-0.786	-2.039	0.3263		-0.1775	-0.07812	-1.224	-1.262
873	-1.14	-0.8856	-2.732	-1.766	0.06	-2.76	-0.3237	-0.6644	-1.69	-1.469
874	0.1095	-0.04617	-0.5028	-1.316	0.8395	-1.451	-0.1943	-1.115	-0.8407	-4.739
875	-0.6525	-0.2881	-0.5248	-4.018	0.2575	-1.433	0.1038	-1.257	-1.763	
876	-0.33	-0.7156	-0.03227	-1.186	0.01	-1.64	-1.284	-0.8844	-0.9102	0.09125
877	-0.09172	-0.04734	-1.044	-1.397	-0.1417	-1.072		-1.556	-1.142	-1.36
878	-0.33	-0.1056	-0.7323	-1.286	-0.14	-1.18	-0.7237	-1.544	-1.35	-1.349
879	0.00375	0.9781	1.001	-0.03199	-0.6763	-1.526		-1.981	-1.006	-1.375
880	-1.025	-0.2408	-0.4875	-1.271	-0.2552	-1.385	-0.06891	-1.87	-1.585	-1.414
881	-1.388	-0.5031	0.3402	-0.6332	-0.1875	-1.428	-0.1312	-1.132	-0.6977	-0.9063
882		-0.1895	0.03383	-0.3196	-0.5139	-0.8439	-0.3476	-0.5083	-0.2341	-0.2827
883	-1.183	-1.018	0.1851	-0.6784	-0.3527	-0.8227	-0.4264	-0.867	-0.1729	-0.6914
884	-0.8219	-0.6575	-0.2741	-0.7676	-0.2519	-0.06188	0.1044	-0.3462	-0.6621	-0.6506
885	-0.3577	-0.3734	-1.01	0.08652	-0.2077	-0.08773	0.2886	-1.382	-1.108	-1.106
886	0.6611	0.1955	-4.301	0.4754	-0.2289	-2.449	-0.01262	-2.253	-1.279	-1.418
887	2.373	0.1469		-1.133	-0.0875	-1.518	-0.1912	-0.04187	-1.418	
888	-0.7212	-0.3669	-0.5135	-0.397	-0.1313	-0.3913	-0.205	-0.1256	-0.05145	0
889	-1.086	-0.322	-0.8987	-0.5521	-0.2564	-0.07641	-0.05012	0.4092	-0.6166	-0.8952
890	-0.06586	0.3485		-0.6516	0.004141		-1.21		-1.216	-0.8046
891	-0.01172	0.3327	-0.274	-0.3075	-0.1117	-0.4617	-0.1054	0.4539	-0.2219	-0.4305
892		0.1533	-0.2134	-0.4468	-0.01109	-0.5811	0.1552	-1.355	-0.8513	-1.21
893	-0.5677	-0.1433	-2.56	-0.9334	-0.3377	-0.9277	0.02863	-0.892	-0.3879	-0.4364
894	-0.1175	-0.6331	-0.3598	-0.6632	-0.5675	0.5725	-0.7412	0.1981	0.0723	-0.4462
895	0.3913	-0.6344	-0.851	-0.05449	0.3513		-0.4125	-0.5131	-0.5989	-1.697
896	-0.7548	-0.03039	-0.477	-0.6905	-0.09477	-1.115	0.001523		-0.955	-0.6535
897	-0.2111	-0.08672	-0.5434	-0.4468	-0.07109	-1.501	0.3252		-1.131	-1.23
898	0.8611	-0.6145		-1.645	-1.189		0.05738		-2.029	-1.608
899	-0.43	-0.2756	0.007734	-0.1257	-0.31		-0.3837	-0.1944	-1.22	-1.709
900	0.19	-0.5456	0.7677	-1.756	0.22	-0.75	-1.094		-1.82	-1.719

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
901	0.3386	-0.08703	-0.8037	-1.257	0.2086		-0.1851	-0.2458	-1.322	-0.9502
902	-0.09891	-0.5845	-0.9912	-0.06465	-0.1789	-1.019	0.3474	-1.133	-0.6291	-0.09766
903	-0.9113	-0.8069	-0.5835	-0.557	0.9487	0.7087	-0.635	-1.656	-0.3414	2.09
904	-0.4306	-0.3863	0.7471	-0.5364	0.8794	0.3794	-0.6043	-0.915	-0.1408	2.381
905	0.38	0.3544		-1.886	1.16		-0.3737	-0.4044	-1.49	2.321
906	-0.5844	-2.10E-11	-0.3566		-0.2544	0.4356	0.04191		-1.395	2.017
907	-0.5781	-0.1337			0.4919		-0.3818		-1.228	2.053
908	-0.4117	0.02266	-0.08398	-0.5575	0.4483	-0.8317	-0.3854	-0.6961	-0.7219	1.86
909	-0.2719	0.1125	-0.02414	-1.438	1.048	0.05812	-0.2656	-0.6762	-0.1921	-0.3006
910	-0.8738	0.1906	-0.246	1.441	0.7162	-1.234	-0.07746	-2.078	-1.344	
911		0.8502		-0.8599	-0.5641		0.06215	0.2215	-0.9743	-0.7729
912		0.02188		0.08176	-0.1225		-0.2362	0.04313	0.3573	-0.3212
913	0.0975	-0.4081	-2.405	-0.9782	0.2175	-1.433	-1.146	-0.1569	-0.2627	-0.6012
914	0.14	-0.07563	-0.3123	-1.226	-0.09	0.2	-0.6837		-0.2902	-0.5988
915	-0.4728	-0.4884		-0.6386	1.247	-0.6928	-0.4565		-0.273	-0.8016
916	-0.5817	-0.1173	0.936	-0.6675	0.4483	-0.001719	-0.7054	-0.9261	-0.4019	-0.4305
917	-0.92	-0.3556	-0.1223	-0.8957	-0.19	-0.7	0.006289	-1.524	-0.7102	-0.5488
918	-0.3422	-0.01781	0.3655	-0.1479	0.6678	-0.4822	0.6341	-1.287	-0.7724	-0.7409
919	-0.8617	-1.197	-0.06398	0.4125	-0.1617	0.8883	-0.1454	0.07391	-0.1319	-0.03047
920	-0.1476	-0.1432	-0.1398	-1.093	-0.4176		-0.1213	0.328	-0.4778	-0.3363
921	0.44	0.6244	-1.572		-2.41		-0.05371	0.9656	-2.99	1.011
922	-0.7142	0.08016			-0.8042		0.7421		-1.974	
923	-0.7528	-0.08844	-0.3551	-0.4886	-1.773	0.4372	1.303	-0.9372	-0.503	-0.8616
924	-0.09406	0.03031	-1.206	-0.4898	-0.8041		0.9722	-0.2784	0.1157	-0.2028
925	0.07219	0.3466	-1.17	-1.054	-0.2478	-1.438	-0.2915	-2.242	-1.118	-0.9666
926	0.5322	0.8666	-7.81E-05	-0.5236	-1.218	0.2222	1.538	-0.9222	-0.668	-0.9966
927	0.2948	1.239	-0.3775	-0.8709	-0.1652	-1.105	-0.2889	-0.06957	-0.005391	0.05605
928	5.87E-09	-0.2456	-0.8923	-1.316	-0.42	-0.36	-0.2937	-0.4044	0.2298	-0.1487
929	-0.02	0.1744	-0.3223	-1.156	-1.73	-1.4	-0.8537	-0.4544	-0.6502	-0.2888
930	0	0.2044	0.3977	-0.08574	0.17	-0.7	0.006289	-1.184	-0.8202	-0.5688
931	-0.6475	0.3969	0.3302	-0.6332	-1.438	-0.5775	0.3688	-1.772	-0.2077	-0.5963
932	-0.01063	1.094	1.267	0.5136	0.1394	0.4794	-0.4543	0.645	1.269	0.5206
933	-1.473	0.4118	0.5051	0.2017	-0.8726		0.5237	0.003027	0.1272	-0.6413
934	-0.24	-0.7556	0.007734	-0.6757	0.1		-0.2937	2.726	1.62	1.181
935	-0.2674	0.127	-0.1297	-1.293	-0.9474	-0.06742	-0.1411	1.278	1.192	1.084
936	-0.2513	0.09312	-0.06352	-0.197	-0.4213	-0.6613	-0.595	-0.1356	-0.6814	-0.68

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
937	-0.2186	-0.04422	-0.1809	-0.1843	-0.4386	-0.7786	-0.5123	-1.113	-0.5988	-0.7473
938	-0.6184	0.2759	-0.9507	-0.4642	-0.05844	0.2016	-0.1321	-1.753	-1.979	-2.207
939	-0.575	-0.2806	-1.037	0.1693	-0.005	0.455		-0.4394	-1.325	-1.554
940	-0.59	0.2344		-0.8557	-0.43	-0.05	-0.6437		-0.9802	
941	-0.6	-0.2256	0.1877	-0.04574	0.07	0.18	-0.04371	-0.04437	-0.4002	-0.5287
942	-0.262	0.2523	-0.8043	0.9922	-0.222	0.448	0.7943	-0.8264	-0.2422	-1.561
943	-0.3239	0.2905	0.3339	1.07	-0.1439	-0.2939	0.6224	-2.148	-0.2841	-0.3626
944	-1.039	-0.9645	-0.7012	0.1354	1.661	1.131	0.2474	-0.5333	-0.0791	0.4323
945	-0.09773	-0.1434	-0.98	-0.08348	1.612	1.312	-0.1414	-0.3521	-0.3879	-0.2565
946	-0.59	-0.4056	-0.6523	0.06426	1.46	1.93	0.3863	-0.4244	-0.1202	-0.2187
947	-0.76	-1.266	-0.7123	-0.5257	0.02	0.04	1.476	0.005625	-1.28	-1.249
948	-0.045	-0.4006	-0.6373	-0.7607	-0.185	1.185	0.2513	0.2306	-0.8652	-2.444
949	0	0.5244	-0.9523	-0.3157	-0.3	0.81		-1.314	-0.4702	-0.9488
950	-0.08891	0.5255	-0.8312	-0.2346	-0.2389	0.9811	-0.02262	-2.623	-0.5691	-1.068
951	0.1261	0.2205	-0.6562	0.4304	-0.2439	1.646	0.8824		0.0859	-0.5027
952	-1.34	-1.106	-0.04227	-0.1857	-0.04	1.19	-0.4337	-0.5644	0.4198	-0.4187
953	-0.5256	0.1387	-0.9379	-1.061	-0.3656	0.6944	-0.1793	-0.53	-1.076	-1.264
954	-0.095	-0.6606	0.1827	-0.8107	-0.885	0.145	-0.4287		-1.215	-1.114
955	0.005	1.409		-0.8507	0.225		-2.869	0.04063	-1.715	-0.8438
956	-0.3	-0.2056	-0.09227	-0.1057	0.98	-0.37	-0.8437	-0.04437	-0.8202	-1.199
957	-0.5328	-0.2184	-0.7551	0.6314	-0.1928	0.6272	-0.3265	0.07281	-0.253	-0.6516
958	-0.3839	0.3105	-0.2962	-0.1696	-0.6839	0.8861	-0.4376	-0.3583	-0.6641	-0.7527
959	-0.4638	0.1206	-0.466	0.7505	-0.2938	0.7662	-0.2575	-0.4581	-0.5139	-0.7525
960	-0.5241	-0.1497		-0.009805	-1.234	0.3159	-0.7878		-0.8743	-0.9328
961	-0.68	0.07438	0.1677	0.4643	-1.14	0.29	-0.8337		-0.8302	-1.189
962	-0.1247	0.4097	-0.157	0.4296	0.06531	0.4753	0.001602		-0.2949	-0.5834
963	0.1367	0.6811	-0.9455	0.261	-0.02328	1.037	-0.177	-0.2577	-0.7035	-0.852
964	-0.02703	0.007344		0.4672	-0.357	0.233	-0.08074		-0.8672	-0.8858
965	-0.07875	-0.5844		0.4755		0.8312	-1.432	1.367	-0.8489	-0.5975
966	-0.3206	1.224	-1.173	1.094	0.03937	1.189	-0.004336	0.115	-0.7908	-0.8894
967	-0.19	0.4944	-0.6623	0.8043	-0.17	0.52		-0.04437	-0.3702	-0.4187
968	0.003359	0.7877	-0.5889	0.8376	0.06336	0.6734	-0.1204	-0.431	-0.2668	-0.2254
969	-0.7044	0.43	-0.3666	0.6199	-0.6444	0.5356	-0.2581	-0.3187	-0.1646	-0.6031
970	-0.7641	0.1502	-0.3164	0.5801	-0.6741	0.8459	-0.4079	-0.4985	-0.8043	-1.093
971	0.7239	1.418	0.6816	-0.3618	0.1139	-0.5261			0.1237	-0.3848
972	0.6049	1.369	0.3326	-0.3909	0.3649	0.1749	-0.2188	-0.7495	-0.08531	-0.6339

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
973	0.779	0.8334	0.03676	-0.3667	0.369	-0.171	0.06531	-1.115	-0.01117	-0.7797
974	-0.01484	1.4		-1.251	-0.2948	-1.755	0.1014	-1.499	-1.205	-0.5836
975	0.31	1.594	-0.2923	0.4843	-0.4	-1.42	-0.2537	-2.854	-0.7302	-2.679
976	-0.725	0.3894	-0.6273	-0.8907	-0.905	0.045			-1.265	-2.114
977	-0.2813	0.7131	-0.1735	-0.717	-0.6613	0.3487	-0.004961	-0.005625	-0.6814	-1.37
978	-0.2673	0.01703			0.5527	0.1627	0.1989	-0.3517	-0.7675	-0.2061
979	0.795	1.649	-1.717	-0.9507	-0.475	-0.105	-0.7687	-0.7994	-1.365	-1.034
980	-0.6731		0.1846	-0.9189	-0.9631		-0.06684	1.323	-0.05332	-0.001875
981	0.73	0.3644	-0.8923	-0.2957	-0.36		0.04629	0.03563	-0.3002	-0.5587
982		-0.06637		-0.7065	-0.1107		-0.1845	-0.2351	-0.6909	-0.009492
983	0.01	0.7344	-0.4123	-0.5357	-0.29	0.45	0.5663	1.156	1.15	0.7613
984	-0.2441	-0.09969		0.3102	-0.1341	1.136	0.3222	0.5916	0.1657	0.8372
985	0.4316	-0.2941		0.4558	-0.3484		0.2379	1.347	0.3914	1.083
986	0.2159	0.0002344	-0.9564	-0.5399	-0.4441	1.186	1.422	-0.3485	0.3757	-0.04289
987	0.0125	-0.2931	-0.2398	-1.253	-0.6675		1.859	-0.3719	0.5023	-0.1862
988	0.345	-0.3406	-0.5073	-0.7407	-0.955	0.215	0.1913	0.000625	0.2748	0.5963
989	-0.18	-0.02562	-0.3423	-0.5457	0.25	1.71	-0.07371	-0.4144	-0.1402	0.1313
990	-0.1875	0.2969	-1.05	-1.163		1.012	0.8688	-0.6419	-0.2977	-0.1963
991	-0.3087	0.1757			-1.379	-0.1487	0.7576	0.4669	-0.6889	-0.2174
992	0.3247	0.1291	-2.478	-0.9811	-0.5353	0.5847	-0.479	1.41	-0.6655	-0.2241
993	0.1513	0.07563		-0.5645	-0.2588	2.081	-0.1425	1.727	-0.5989	-0.1975
994	-0.24	0.004375	0.4677	-0.6057	-0.58		-0.2637	-0.3544	-0.1402	-0.8387
995	-0.125	0.1594	0.2727	-0.08074	-0.155	0.255	-0.8287	-0.1194	1.365	0.7463
996	0.2125	0.07687	-0.2898	0.7768	0.9625	1.402	1.409	-0.2519	0.4823	0.6237
997	-0.522	-0.5177	-0.7543	-0.7378	-0.262	0.548	-0.07574	0.5836	-0.1322	-0.2008
998	0.1	0.3744	0.05773	0.4843	0	-0.03	-0.4437	-0.3544		-0.07875
999	0.6856	0.59		0.04988	-0.4144	0.01562	-0.02809		-0.4746	-0.04312
1000	-0.34	0.1944	-0.5223	-0.2357	-0.08	-0.23	-0.5337	-0.1044	0.3098	0.2613
1001	-0.2752	0.5792	-0.9175	-0.08094	0.2948	-0.8552	0.3711	-0.7496	0.2546	-0.4739
1002	0.1502	0.6545	-0.04211			0.4202	1.546	0.2158	0.009961	0.7114
1003	-0.07586	1.119	-1.098	-0.5416	0.08414			0.8698	0.7039	0.3354
1004	0.015	1.059	-1.007	-0.1307	0.005	0.655	1.681	0.4606	0.3048	0.1062
1005	-0.1703	1.004		-0.9861	-0.6403	-0.1603	1.156	0.4453	-0.8205	
1006	0.56	1.234		-0.4257			1.376	-0.4944	-0.6602	-0.4888
1007	0.06	0.3044		-0.6657	-0.2	0.09	0.006289	-1.574	-1.55	
1008	-0.4675	-0.2731	-0.1298	-0.1932	0.3525	0.8125	-0.08121		-1.888	-1.326

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1009	-0.1475	0.4369		-0.4932	0.3025	0.4325	-0.3212	0.6681	-1.218	-1.726
1010	-0.4875	0.1569	-2.06	0.1268	1.012	0.3625	0.5688	-0.9919	-1.138	-1.186
1011	-0.09	0.1044	-1.572	-0.6757	0.58	-3.36E-08	-0.5437		-0.6802	-1.259
1012	-0.22	0.8644	-1.342	0.05426	0	0.59	0.1463	-0.6444	-1.45	-0.8187
1013	-0.2155	0.2889	-0.1077	-0.8312	-0.005469	0.9445	0.0008203		-1.446	-1.614
1014		0.9045	-1.592	-0.2056	-0.4298		-0.6236	-0.4442	-0.69	1.351
1015	-0.9706	-0.09625	-1.603	-0.2964	-0.5006		0.2057	1.525	0.3492	-0.08937
1016	-0.3424	-0.308		-0.5082	-0.7324			2.103	-0.2526	-0.5712
1017	-0.76	-0.1656		-0.1557	-0.27	-1.46		-0.6044	0.6998	0.1912
1018	-0.29	-0.5456	0.2677	0.1443	0		0.4663	0.3856	0.0798	0.09125
1019	-0.6008	0.06355		-0.5466	-0.3508	-1.541	0.7455	-1.585	-0.611	-2.51
1020	-0.2	0.5644		-0.5657	-0.37	-0.78	0.3363	-1.404	-0.8502	-0.5288
1021	0.2641	0.008437	-0.7482	-0.3017	0.09406	-0.01594	0.2604	-0.2403	-0.4661	-0.2647
1022	0.36	-0.8056		-0.4257	-0.64	-4.05E-08	0.01629		-0.7502	-0.06875
1023	2.19E-08	0.9244		-0.3657	0.51		0.4363	0.07563	0.5698	-0.3287
1024	0.005781	0.1002	-0.9165	0.56	-0.2442	-0.7242	-0.2079	1.161	-0.7244	-0.323
1025	-0.015	-0.08062	0.1227	-0.2707	-0.665	-0.165	0.3613		0.4948	0.6762
1026	-0.6598	-0.2755			-0.1298		0.01645	0.2458	0.32	0.1514
1027	-0.2056	0.4287	-0.2979	0.8086	-0.7256		0.6507	-0.64	0.6042	0.005625
1028	0.128	-0.4577		0.2322	-0.242	-0.942	-0.8957		-0.5022	-0.4208
1029	-1.29	-0.7756	-0.3623	-0.5157	-0.78	-0.55	-1.004		0.0898	-0.4788
1030	-0.8771	0.03727		-0.7929	0.08289	0.9229	0.3492	-0.4715	-0.8073	-1.206
1031	-0.5269	0.1275	-0.1791	-0.4226	-0.8769	0.7131	-0.4306	-0.3112	-0.4471	-1.216
1032	-0.35	-0.005625	0.3577	0.3043	-0.03	-0.71	-0.8537	-1.524	0.1798	-0.5187
1033	0.0234	0.1978	-0.1289	-0.002344	-0.1066	-0.6266	0.1197	-0.01098	-0.2568	-0.4154
1034	-0.3348	-0.1505	-1.147	0.2194	0.3252	-0.5748	-0.6086	-0.4092	-0.245	-0.2836
1035	4.19E-11	0.06438	-0.2923	0.4043	0.29		-0.04371	0.05563	0.0498	-0.6688
1036	-0.3639	0.0004688		-0.05965	-0.4539	-0.1439	-0.3276	-0.5283	-0.8441	
1037	-0.4306	0.1337	-0.5629	0.01363	-0.6006	-0.07063	-0.6243	-0.595	-0.7608	0.3406
1038	0.03164	-0.194		-1.624	0.08164	1.292	-0.4421		-1.009	1.973
1039	0.26	1.124	-0.2223	-0.1057		0.62	-0.1637	-1.044	-0.7902	-3.159
1040	0.2575	0.1519	-0.8848	-0.6382	-1.332	0.7975	-0.3262	-0.4769	-1.183	
1041	-0.085	0.2694	0.04273	0.009258	0.005	0.085	-0.6587	-0.9494	-0.6752	-0.6138
1042	0.2175	0.7219		0.3718	0.3675	0.6275	-0.7562		-0.5527	-1.301
1043	-0.1565	-0.05211		-0.002227	-0.2565	-0.8465		0.4791	0.8333	0.2748
1044	0	0.6944	-0.7123	-0.5557	-0.24	1.06	-0.2737	0.2056	-0.6502	-0.8588

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1045	0.2025	0.1869	-0.3898	-0.9432	-1.377	0.0125	0.2788	-0.1419	-0.1077	-0.4662
1046	0.253	0.5074	-0.4992	-1.463		0.233	-0.5407		-1.927	-2.136
1047	-0.2373	0.4471	0.1005	-0.693	-0.6673	0.4127	-0.371	0.2584	-0.6075	-1.116
1048	-0.6295	-0.2951	-0.4717	-1.505	-1.249	0.2205	-0.8132	-1.304	-0.8396	-1.468
1049	0.07574	-0.4499	0.003477	-2.09	-1.654	0.08574	-0.648		-0.004453	-1.203
1050	-0.7173	0.01711	-0.5495	-0.513	-0.2773	0.1227	-0.781	0.4084	-0.9375	-1.166
1051	-0.2856	0.04875		-0.6814	-0.2256	0.004375	-0.08934	0	-0.7658	-0.9444
1052	-0.4316	0.1727	-0.4339	-0.3874	0.04836	-0.02164	0.1146	0.704	0.3782	0.3096
1053	-0.265	0.09937	-0.9073	0.009258	-0.195	-0.005		-0.1294	-0.5252	-0.8138
1054	-0.2633	0.5611		0.1009	-0.3433	-0.3333	0.593	0.4223	-0.5735	-0.7521
1055	-0.7087	-0.08437	0.249	-0.08449	-0.3188	-0.3288	-0.04246	-0.2831	0.3211	0.0925
1056	-0.2783	0.3861	-0.5505	0.346	0.2317	-0.04828	-1.162	-0.5427	-0.5185	-1.497
1057	0.5875	-0.1181	0.005234	-1.088	0.8875	1.317	-0.1662		-1.153	
1058		0.3806	-0.316	-0.4395		-0.08375	-0.09746	-0.4781	-1.334	
1059	-0.35	0.8344	-0.6923	-0.4357	-0.59	0.48	-0.1037	-0.1544	-1.23	-1.819
1060	-0.2297	0.3747	-0.182	-0.9154	-0.7197	-0.009688	-0.6934		-1.22	-1.398
1061	-0.3769	0.1775	-0.2591		0.2231	-0.03688	-0.4406		-0.9671	-1.106
1062	-0.5806	-0.3763	-0.9129	-0.3264	-0.04063	0.1194	-0.4843	-0.595	-0.7208	-1.789
1063	-0.45	0.5544	-1.272	-0.5857	-0.18	0	-0.5737	-0.08437	-0.9502	-1.519
1064	-0.515	-0.7106	0.002734	-0.4007	-0.835	-0.555	-0.8387	-1.159	-0.9452	-1.084
1065	-0.89	0.1944	-0.1823	-0.8957	-0.68	0.18	-0.4637	0.4756	-0.7802	-0.9788
1066	-0.2556	0.1288	-0.1879	-0.7014	-0.7056	0.3644	-0.7293	-0.34	-1.116	-1.444
1067	-0.1579	-0.1235	-0.05016	-0.09363	0.1421	0.3421	-0.6616		0.2219	-0.3366
1068	0.3456	0.25	-0.5666	-1.11	-0.2844	1.266	-0.8581	-0.4887	-1.085	-0.1631
1069	0	-0.01562	-1.082	-0.2257	-0.15	0.02	-0.7537	-0.2344	-0.9102	-0.6688
1070	-0.03063	0.3537	-0.3629	-0.4964	-0.4206	-0.1906	-0.5543	0.895	-0.09082	1.281
1071	0.315	0.05938	-0.2973	-0.3907	-0.135		-0.9787		-0.7852	-0.03375
1072	0.364	-1.392	0.1317		-0.08602	0.384	-0.8097	0.1896	-0.6862	-1.825
1073	-0.03375	0.03063	-1.536	-0.1795	-0.4238	-0.5638		0.7719	0.6961	-0.2925
1074	-0.09266	0.1917	-0.5049	0.6116	0.6573	-0.3727	-0.4464	-0.937	-0.2229	-0.9014
1075	-0.02402	0.05035		0.1902	-0.144	-0.414	0.05227	-0.2384	0.6858	0.3572
1076	-0.2278	-0.1734	-7.81E-05	1.316	0.2322	-0.08781	-0.6615	-0.5322	-0.838	-0.8366
1077	-0.4262	0.4681	-2.039	-2.222	-1.566	0.7437	-0.3	0.2794	-1.526	-1.785
1078	-0.1925	0.1819	0.2752	-0.1482	-0.0825	-1.623	-0.2162	0.3531	-0.5927	-0.8312
1079	-0.07309	-0.2587		-0.1288	-0.3131	0.07691	-0.006797	-0.1675	0.006719	
1080	0.1011	0.5355	-0.01117	-1.595	-0.02891	-1.519	0.3574	-0.02328	-0.8091	

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1081	0.01785	-0.04777	0.2456	0.002109	-0.09215	0.3379	0.2641	0.2435	0.007656	-0.6509
1082	-0.19	0.07438	0.7677	-0.5557	-0.87	0.16	0.5063	-0.9344	-0.3202	0.01125
1083	0.3228	-0.3428		-0.2429	-0.6672	-1.417	-0.4509	0.9884	0.002617	-0.2059
1084	-0.4125	-0.2181	-1.175	0.7718	0.2175	-0.1925	-0.8762	1.383	1.197	0.8188
1085	0.3631	0.0575		0.3074	-0.05688		0.3094	0.3988	0.5929	0.6144
1086	-0.4475	-0.02312	-0.9298	-0.7132	-0.4475	0.6925	2.289	-0.1019	-1.308	-0.6962
1087	0.05	0.1944	2.058	0.8943	-0.56	-0.08	-1.144	-0.8644	-0.5602	-3.549
1088	0.3978	0.3722		0.6621		-0.4022	-0.6959	-2.677	-1.172	-2.401
1089	0.09617	0.02055		-0.7996	-0.7138	0.6562	-0.7775		-0.414	
1090	-0.19	0.1444	0.3877	0.6143	-0.12	0.09	-0.1337	-1.594	-0.1502	-0.5487
1091	-0.6	0.5444		1.344	0.5	-0.72	-0.4937		-0.3802	-0.8088
1092	-0.13	0.1144	-1.232	-0.1057	-0.18	0.2	-0.5037	-0.2644	-0.8702	-0.6387
1093	-0.2027	0.1117		0.3616	-0.8427	-0.9527	-0.1964	0.423	-1.303	
1094	0.3512	0.01555	-0.2011	0.2254	-0.5788	-0.8888	-0.1825	-1.343	-0.539	-0.8576
1095	-0.1044	-2.56E-11	-0.1966	-0.03012	-0.7744	-1.084	-0.5281	-0.4187	-0.7146	-0.7131
1096	0.2613	0.07563	0.699	-0.06449	-0.6488	-0.05875	-0.7925	-0.8831	-0.3489	-1.197
1097	-0.63	0.4744	-1.042	-0.4957	-1.18	-0.61	-0.05371	-0.5344	0.2798	-0.03875
1098	-0.4178	0.1866	-0.5301	0.3864	-0.1678		-0.07152	0.3478	-0.528	-0.7466
1099	-0.3966	0.007734		0.05762	-0.3166	-0.6866	-0.5704	0.509	-1.047	-1.035
1100	-0.515	0.2594	-1.087	-0.3707	-0.685	-0.075	-0.8287	0.05062	-0.7252	-0.4438
1101	-0.575	-0.5906	-0.1473	-0.2607	-0.165	-0.735	-0.3387		0.2548	-0.9837
1102	-0.08281	-0.1784	-0.2151	0.7214	0.1372	0.3472	0.1335	0.1228	0.657	0.3984
1103	0	0.3444		-0.1657	0.09	-0.83	-1.344		-0.6302	
1104	-0.07035	-0.416	0.2274	0.4839	-0.3404	0.1296	-0.09406	-1.415	0.009453	-0.3091
1105	-1.248	-1.043		-2.143	0.2024	0.3424	0.02871	-0.862	-1.918	
1106	0.1895	0.5238		-1.206	-0.7505	0.8195	0.8957	0.9251	0.1093	-0.2793
1107	0.165	-0.2806	-0.06727		-2.755	0.985	-0.8287	1.181	-0.8452	0.5062
1108	0.1581	-0.2875	0.4259	-0.4476	-0.4419		-0.4656	1.934	-0.9721	-0.1006
1109	0.34	0.09438	-0.9623	-1.176	-1.12	0.45	-0.4737	0.2956	-0.4202	-0.1087
1110	-0.83	-0.4256	0.2977	-1.886	-1.15	1.3	-0.3837		-0.1602	-0.5988
1111	-0.6339	-0.9095	0.06383	-1.25	-1.364	-0.3939	-0.4376		-0.3841	-1.523
1112	-0.3878	-0.7834	-0.5501	-0.2036	-1.968		0.1085		-0.228	0.05344
1113	-0.8125	-0.5181			-1.063	-0.5925	-0.2462	0.6131	-0.1727	1.859
1114	-0.6995	-0.3651	-0.2117	-1.005	-1.249	-0.3895	-0.1632	-0.1438	-0.09965	1.842
1115	-0.6995	0.4849		-0.2552	-0.8195	-0.3995	0.4668	-0.2938	0.3304	0.2318
1116	-0.312	-0.1477	0.2357	-0.4578	-0.602	-0.452	0.5343	-0.6564	-0.002227	-0.09078

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1117	-0.6739	0.02051	0.2239	-1.39	-1.464	-0.6539	0.1724	-0.8982	-0.5841	-0.8826
1118	0.02281	0.03719	0.3405	-1.623	-1.917	-0.2272	-0.2209	-0.4416	-0.3274	-0.3359
1119	0.2025	-0.5131	-0.3098	-1.393	-2.098	0.2925	-0.04121	-0.5819	0.1023	-0.5562
1120	0.35	-0.3156	0.3777	-0.8857	-2.9	0.01	0.6563		-0.2302	0.5813
1121	-0.3371	-0.2727	-0.4994	-2.253	-1.477	0.5929	-0.0008203	-0.3915	-1.037	-1.636
1122	0.215	0.2994	0.1027	-2.651	-0.645		-0.5787		-1.715	-0.9537
1123	0.5986	-0.297	-1.944	-1.417	-1.711	-0.3914	0.6249	0.5142	-0.8816	-0.03016
1124	-0.5577	-1.413	7.81E-05	-0.8834	-2.768	0.7923	-0.4514	-0.722	0.6021	-0.1764
1125	-0.009688	-0.7153	-1.292	-0.7454	-0.8097		0.4366	-0.4641	0.9301	-0.008438
1126	-0.4141	-0.3097	0.05367	-1.73	-2.534		0.4322	0.3116	-0.3043	-0.3028
1127	-0.2091	-0.4548	0.6486	-0.6649	-1.539		0.03715	-0.5835	0.2707	-0.2079
1128	-0.7913	-1.157	-0.2635	-1.077	-1.681	0.2487	-0.695	-1.116	0.1386	-0.51
1129	-0.1639	-0.4295	0.003828	-1.18	-1.604		0.09238	-0.9883	-0.4441	-0.7627
1130	0.365	0.1594	-1.687	-1.581	-2.525		-0.2787	-0.5594	-0.2552	-0.4238
1131		-1.40E-11		-0.9601	-1.694	-1.264	-0.8381	0.5113	-0.1346	-0.3131
1132	-0.29	-0.4756	-0.09227	-0.8257	-0.93	-0.92	-1.244	0.4556	0.3898	0.01125
1133	-0.8101	-0.7157	0.3376	-0.5459	-1.4	-0.07012	-0.05383		0.6297	0.2611
1134	-1.009	-1.075	0.6884		-1.179	0.1206	-0.5131	0.07625	0.8804	0.2519
1135	-0.6007	-0.1063	-0.513	-0.7164	-0.6707	0.6293	0.1556	-0.08508	-0.0008984	-0.3595
1136	0.3922	0.05656	-7.81E-05	-1.154	-1.618	-0.5678	0.2885	0.06781	-0.438	
1137	-0.31	-0.3556	0.01773	-0.7757	-0.97	-0.07	0.3463	0.2856	0.0598	-0.3087
1138	-0.2714	-0.437	-0.08367	-0.08715	-0.6414	-0.05141		-1.676	-0.2416	-0.7002
1139	-0.5378	0.08656	-7.81E-05	-1.034	-1.888	-0.1478	-0.2215	-0.2222	-0.298	-0.5266
1140	-0.6053	-0.7409	0.4424	-0.6311	-1.675	0.2347	0.421	-0.8597	-0.2755	-0.2141
1141	-0.07266	-0.4083	-0.02492		-1.393			-1.997	-0.5429	-1.331
1142	-0.1875	-0.1431	0.1402	-1.353	-1.498	0.7325	-0.1912	-1.172	-0.2377	-0.6063
1143	0.0925	-0.08313	-0.4698	-1.533	-1.978	-0.1975	0.4988	-0.1119	-0.2377	-0.05625
1144	-0.415	-0.4906	0.1827	-1.651	-1.215	-0.055	-0.1487		0.1048	0.1863
1145	-0.33	0.1044	0.6377	-0.4257	-0.23		-0.6937	-0.7944	-0.1702	-0.3888
1146	0.7903	-0.9453	0.438	-1.485	-1.51	-1.55	-0.7134	0.9559	0.5301	0.06156
1147	0.1	-0.1656	0.2777	-0.2657	-0.82	0.11	-0.4537	0.3356	-0.4602	-1.639
1148	-0.825	-0.2606	0.1827	-0.8507	-0.575	-0.385	-0.8887	-0.1794	0.1648	-0.05375
1149	0.31	-0.3456	-0.1923	-0.6457	-0.28	-0.14	0.06629	-1.024	-0.2102	-0.05875
1150	-1.255	-0.8505	-0.8971		-1.735		-0.4986	0.2108	-1.125	-0.9336
1151	-0.53	-0.4856	1.628	-1.976	-1.54		0.2063		-0.3702	-1.039
1152	-0.4206		1.497	-0.7364	-1.841		0.05566	-0.875	-0.3808	-0.2094

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1153	-0.6269	-0.1225	2.521	0.007383	-1.197		-0.4206	-1.611	-1.707	
1154	0.1166	0.5109	0.0743	-0.09918			0.5829	-0.5778	-0.1636	-1.152
1155	-0.2238	0.6106	-2.556	-1.269	-0.2238	-0.7838	0.6125	-0.6281	-0.8539	-0.0925
1156	0.725	0.5794	-1.607	-0.4307	-0.985	0.445	0.6313	0.4506	-0.1252	0.6963
1157	0.005	0.4794	-2.047	-1.401	-1.125	-0.155	0.4213	-1.439	-1.385	-0.08375
1158	0.06125	0.7756	-0.451	-1.804	-0.7288	-0.7988	0.9775	-0.2931	-0.8089	-0.5975
1159	-0.46	-1.226			-2.33		1.136	0.4056	0.5298	0.8813
1160	-0.28	-0.7956		-0.7057	-0.51		-0.2137	-0.8044	0.4798	0.4512
1161	-0.7713	-0.5969	-0.2135	-0.207	-1.381	-0.1613	-0.04496	-0.6156	0.01855	0.41
1162	0.7962	0.3206	-0.136	-1.009	-1.074	2.296	-0.7175	0.5619	-0.3339	-0.3425
1163	-1.08	0.1744		-1.746	-1.49	0.61	-0.06371	0.4356	-0.2102	0.2512
1164	-0.4989	-0.1045		-0.3946	-0.8989	1.201	-0.6326	-0.4133	-1.519	
1165	-0.5398	-0.01539	-0.792		-1.24	0.2802	-0.3235	-0.004141	-0.65	0.01148
1166	-0.5638	-0.07937	-0.276	-0.2895	-2.114	0.8862	-0.6275	0.9819	0.1761	-0.2725
1167	0.22	0.9344	0.7077	1.004	-0.26	-0.21	-0.6737	-0.7844	-0.2802	-0.5988
1168	-0.03125	0.7531		0.833	-0.3813	0.2087	-0.455	-1.126	-0.3114	-0.65
1169	-0.0525	-0.3181		-0.8982			-1.116	0.6131	0.0673	-1.081
1170	-0.21	0.07437	-0.4923	-0.5257	-0.28	-0.47	-0.3537	0.1056	0.3398	-0.7588
1171	-0.22	0.5444	-0.3623	0.6943	0	0.37	0.5863	-0.3944	-0.1802	0.3213
1172	0.5093	0.5137	1.607	1.584	0.9393	-0.4107	-0.1044	-0.8351	-0.0008984	-0.6995
1173	0.485	0.5694		0.3693	0.175	-1.265	-0.3187	0.1706	-0.1952	
1174	0.24	-0.05562	0.8677	-0.3457	-0.78	-2.3	-0.1137	0.2856	-0.5502	
1175		0.7872	-0.6994	0.02711	-0.5071	0.3529	1.859	0.2385	-2.917	0.3141
1176	0.8531	1.188		1.777	-0.4669	1.793	3.999	0.5588	-1.187	0.6244
1177	0.7522	1.617	-0.5901	2.296		0.1322	0.7385	-1.282	-0.358	0.1434
1178	0.2221	-0.09352	-0.1602	-0.3136	-0.8379	0.4421	0.4184	0.03773	1.242	1.123
1179	0.7022	-0.2734	0.8699	0.6764	-0.1378	1.042	1.948	0.1478	1.052	0.7534
1180	-0.3358	0.4386	-0.02805	0.5485	0.1442	-0.1058	-1.029	-0.9402	-1.036	-1.415
1181		1.114		0.2836	-0.5206		1.216	0.245	-1.581	-0.03938
1182	0.6167	1.051	1.544	-0.379	-0.8733	-1.253	-0.817	-1.268	-0.08348	-1.932
1183	0.3372	0.6416	0.8549	1.551	-0.3428	1.477	2.183	0.3428	-0.113	-0.1616
1184	0	0.9344	-0.4523	0.4243	0.93		0.2063	-0.7644	-0.4502	-0.07875
1185	-0.9469	-0.0825	-0.6291	-0.2626	0.7631		-0.8906	-1.341	-0.6571	-0.7856
1186	0.1725	1.007	1.18	0.9368	0.8325	-1.478	-2.931	-1.392	-1.548	-0.9263
1187	0.42	1.034	0.4077	0.7643	1.05	-0.94	-2.894	-2.244	-1.32	-1.389
1188	0.22	0.5444	0.2877	1.224	1.19			-1.294	-0.7002	-1.179

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1225	-0.03438	-2.10E-11	1.123	1.25	0.8456		-0.9681		-0.4546	-0.1231
1226	1.166	1.4	0.8637	0.8802	-0.6541	-0.2641	-0.7078	-1.418	-1.264	-1.013
1227	0.7424	1.347	-0.5199	-0.2733	0.0324		-1.571	-0.852	-1.098	-0.8663
1228	0	0.6844	-0.2823	0.04426	0.17		-0.5537		-1.42	-0.2288
1229	0.1684	-0.05727	-0.9539		0.2384		0.07465		-1.722	-0.3404
1230	-0.1917	-0.1573	-0.654	-0.8175	-0.3417	-1.432	-2.185	-0.1861	-0.06191	-0.1205
1231	-0.3731	0.07125	-0.5954	-0.7389	-0.2931	-1.373		-0.0875	0.00668	0.1581
1232	-0.1607	-0.07633	-0.443	-0.6564	-0.2507	-0.8307	-1.754	0.1849	-0.0008984	0.02055
1233	0.03	0.6244			-0.03	-0.16			-0.8002	-0.2587
1234	0.55	0.5744		0.3643	0.25				-0.5402	-0.2987
1235	0.1415	-0.004141		0.4457	-0.5885		0.08777	-0.02289	-0.1487	-1.017
1236	0.08141	-0.5042	0.3491	0.7957	0.2414	0.6714	0.8177	-0.123	-0.3688	-0.1873
1237	-1.01	0.2044		0.09426	0.64	0.56	1.256	-1.914	-1.72	
1238	0.64	-0.3256			-0.5		-0.3737		0.1798	1.891
1239	-0.3984	0.06594	0.7993	0.5258	-0.7384		-0.5721	0.06719	0.1014	-0.1172
1240	-0.2898	-0.6255	2.438	1.174	-0.8798	0.8402	-0.003555	-1.084	0.09996	-0.2386
1241	-0.86	0.05438			-0.32	0.58	0.02629	0.5156	-0.9002	-0.7287
1242	-0.0175	-0.6931	-0.3498	0.3368	-0.0875	-0.2775	0.3988		-0.7877	-1.566
1243	0.4508	-0.6248	0.02852	0.595	-0.6992	1.191	1.647	-0.4036	0.4506	0.482
1244	0.2131	-0.0525		0.3874	0.4631			2.119	0.9629	0.2844
1245	1.173	2.437		3.047	0.9627		1.239		1.003	0.924
1246	-0.09	0.2944	1.838	0.7643	1.32	0.53	1.216	1.936		1.441
1247	-0.37	-0.9056	1.068	1.284	1.52	1.87	2.666			2.231
1248	0.43	0.03438	2.808	3.494	-0.86	0.26	-0.2237	2.566	3.07	3.311
1249	-0.31	1.074	-0.4023		-0.14	-0.67	0.7763	0.4156	0.0198	0.7912
1250	-0.252	0.8723		3.852		2.788	3.144	0.1836	0.2878	1.679
1251	0.3232	0.4076		-0.4625	-0.2368	0.3832	0.4295		-0.006953	0.2045
1252		-0.3156		-0.4457	-0.56		-0.1637	0.6756	-0.0502	0.8712
1253	-1.145	-0.1506	-0.2673	0.9193	-1.105	0.895	0.7613	1.461	-1.465	-1.114
1254	0.64	-0.3756		-0.6457				0.6256	-1.07	-0.9287
1255	0.5549	0.7193		0.1392	-0.7851	3.455	4.801	0.7105	0.2047	0.4862
1256	-0.56	-0.07562		-0.4057	4.69E-08	0	-0.09371	0.7056	-0.5002	-0.5387
1257	-0.71	-0.6556		-0.4057		-0.23	0.4563		1.59	0.7913
1258	0.2031	-0.2025		-0.9026	-0.2669	0.003125	0.6094		1.943	0.9244
1259	0.06672	0.4611			-0.6733		0.103	1.082	1.527	1.718
1260	0.2048	0.2392	0.2025	-0.2109	-1.115	1.645	3.151	1.48	1.265	0.8261

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1261	1.395	3.259	-1.237	1.169	1.135	1.165	0.3713	0.6006	-1.095	-0.3137
1262	1.238	-1.048	-0.4643	-0.07773	2.468	-0.492	-0.9557		-2.142	
1263	0.27	-0.1056		1.844	1.93		-0.4337	0.1056	1.13	1.611
1264	-0.0325	-0.3381	-0.2048	0.05176	-0.9725		0.8738	-0.9869	0.1373	-0.05125
1265	-1.345	-1.301	-0.007422	0.8291	-0.7652	-0.1452	0.9311	-0.04953	0.2846	0.09609
1266	-0.5256	0.4587	-0.4179	0.2586	0.5644	-0.4656	0.09066	-0.28	1.374	1.326
1267	0.9444	-1.181			0.3644		0.01066	0	-0.4558	-2.874
1268	0.5456	-3.49E-11	-0.1966	0.6399	0.4956				0.04543	0.4469
1269	0.6691	0.9135	-0.3731	0.5534	0.9391		0.00543		-0.4111	-0.1896
1270	0.2693	0.2037		0.2336	0.0693	-0.4507	0.08559	0.1949	-0.0008984	0.1605
1271	0.19	0.2144	0.5477	0.3343	0.13	-0.49	-0.9437	1.606		0.3112
1272	0.59	1.574	0.6677	-0.5657	-0.14	0.05	-0.7737	0.8656	-0.0602	-0.7087
1273	-0.3444	0.82		-0.5901	0.3256	0.5956	0.1119	0.5213	1.295	
1274	-0.04125	-0.5569		-0.147	-0.5713	-0.1113	0.445	0.3344	0.5286	0.67
1275	1.133	1.777	-0.2798	-0.4432	-0.2775		-0.5712	0.8681	0.6623	0.6338
1276	-0.6612	-0.1669		0.603	0.1187	0.6087	0.765	0.2544	0.4086	-0.78
1277	1.192	2.546	4.08	2.826	0.132		-1.312		1.002	0.5632
1278	1.87	2.934	3.918	3.064	0.51	-0.42	-0.6237	0.8256	0.9198	0.6013
1279	0.4956	1.89	1.003	0.1999	0.7856	-0.5844	-0.3381	-0.04875	1.025	0.6869
1280	2.168	2.732	2.265	-0.0282	2.628	-1.492	-1.596	1.543	0.6373	0.5788
1281	0.87	0.7844	0.7577	1.454	-0.19	0.52	-0.3637		0.2598	-1.789
1282	0.52	0.2544		0.6843	-1.16		0.5063		-0.4502	0.6813
1283	-0.6761	-0.4317	0.1816	0.07816	-0.02609	-0.4061	-0.7998	0.8395	0.6437	0.6052
1284	0.2811	0.9755		0.5754	0.03109	-0.9389	0.1374			1.302
1285	0.8259	0.3103		1.12	0.7659	-0.6841	0.09223	0.02156	1.756	1.327
1286	-0.4625	-0.1381	0.3452	-0.08824	-0.0125	0.3175	0.1938		-0.3427	-0.1912
1287		-0.01125	0.04211	0.8786	0.9644	0.1144	0.8607	0	0.9942	-0.8144
1288	0	0.09438	0.1377	0.4543	-0.11	0.27	0.08629	0.5456	0.5098	0.4412
1289	-0.75	-0.5156	-0.4423	1.104	-0.35	0.17	0.4763	0.4656	1.66	1.531
1290	-0.5952	-0.6208	0.07254	1.109	0.9648	-0.6552		-0.7196	0.9946	0.9761
1291	-0.5155	-0.1511	0.2123	0.8188	0.3045	-0.5055	0.0008203	0.4002	1.014	0.6958
1292	0.1722	0.01656	-0.4401	0.6464	1.602	-0.3878	0.3885	-0.002187	0.04199	0.5234
1293	0.01414	-0.2715	-0.5981	0.4884	0.9841	-0.1759			-0.1461	0.1454
1294	-0.07453	0.02984	1.063	1.92	0.5755	-0.06453	-0.01824	-0.1789	1.335	1.167
1295	0.5944	-0.4312		0.3386	0.07437		0.3507	0.28	0.2442	0.7656
1296	0.1203	0.2047	0.08805	-0.6154	-0.4597	0.7203	0.6666	0.1459	-1.01	-0.4284

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1297	0.4	0.5444	-0.9523	0.03426	0.01	0.08	0.8363		0.6898	1.221
1298	0.6	0.9244	-0.8023	-0.6657	-0.01	0.37	1.006	0.2956	0.7898	1.161
1299	-0.5113	-0.04688	-0.9835	-0.537	0.1287	0.2687	0.215	-0.2556		0.24
1300	0.67	0.2444	-0.1323	0.9843	0.95	-0.3	-0.02371	0.7756	-0.0202	0.4113
1301	0.02492	-0.4607	1.123	1.089	1.155	1.265	2.161		0.2447	1.086
1302	1.617	2.472	2.545	0.7616	-0.4227	2.087	2.724	-0.717	0.6671	-0.1014
1303	0.4159	0.2703	2.054		-1.554	-0.7241		-0.09844	1.266	1.637
1304	0.6994	0.4537	-0.2229	1.384	1.029	-0.2506	0.9657	-0.685	-0.2808	-0.4194
1305	0.573	0.7973	0.7807	1.637	0.883	-0.827	-1.011	-0.05141	1.063	1.114
1306	-0.3775	-0.7231	0.08023	0.2168	-0.3875	0.5225	-0.01121	-0.7719	0.3523	0.00375
1307	0.1905	0.2749	0.3883	1.115	0.1005		-0.2532	0.8262	1.56	1.052
1308	0.1724	0.02678	0.2601	0.9567	-0.1176		-0.1713	0.838	0.9422	0.8437
1309	0.3475	0.001875		0.8518	1.497		-0.3762		-0.2827	0.8788
1310	-1.004	0.4006	0.04398	1.121	0.6063		-0.06746	0.9719	0.9161	0.5175
1311	0.2163	0.7606		-0.3695	-1.124	-0.5238	0.7025	-0.1581	0.5061	0.8275
1312	0.9334	0.7378	0.4511	0.6577	-0.7366	-0.4866	-0.1803		0.003203	0.3546
1313	-0.2964	-0.212		-0.3021	-1.006	0.003594	0.4099	-1.261	-0.3866	-0.3852
1314	-0.3279	0.2765		-0.8836	-0.9279		1.378	-2.282	-1.438	-1.637
1315	-0.53	0.8544	0.5877	-0.1557	0.33	0.72	2.506	-1.344	-0.7202	-1.599
1316	0.895	3.639	-0.3773	-0.4007	0.395	1.125		0.8506	-0.7052	-0.6738
1317	1.912	3.896		-1.474	-0.8784	2.922	3.708	-0.9728	-0.4486	-0.5872
1318	0.5267	1.581		-0.269	-0.2233	1.307	1.743		-0.2035	-0.392
1319	-0.122	1.662	0.1658	-0.3677	-0.172	1.008	3.454	-0.8163	-1.012	2.299
1320	0.6957	-0.5199	-0.8366	-3.91E-05	-1.204	1.376	1.732	-0.8787	-0.3045	0.507
1321	-0.07547	1.239	-1.008	-0.3512	-0.5555	-0.4855	0.0008203	-1.61	-0.02566	-0.8742
1322	-0.4214	0.263	0.3163	0.7629	-0.4114	0.2686	-0.08512	-0.1858	0.3084	0.3298
1323	-1.263	0.4716	0.1549	0.7514	-0.9928		-0.1965	0.9328	0.487	0.02844
1324	0.02	0.1044	-0.3823		-0.09	0.83	0.01629	-0.9544	0.2998	-0.2988
1325	0.7861	0.4705	0.03383	0.4204	0.5161	-0.5439	-0.06762	-0.4483	-0.1741	-0.3827
1326	1.95	2.134	0.1777	-1.326	-1.3	-1.4	0.1163		-0.7602	-2.259
1327	0.08391	0.5583		-0.1118	0.05391		0.4802	0.3395	-1.066	-0.03484
1328	-0.04625	0.1581		-0.232	-0.3662	-0.6063	0.31	0.08938	2.184	1.595
1329		0.07312	-1.744	-0.257	0.1887	-0.8213	-0.915	-0.1056		0.53
1330	0.3257	-0.3599	-1.037	-3.91E-05		0.3357	-0.138	-0.1487	0.6955	0.497
1331	0.4267	0.8811	-1.396	-0.139	0.5667		-0.307	0.4623	-0.5435	-0.752
1332	-0.1987	-0.2144	0.02898	0.6455	-0.2488	0.7712	-0.3625	0.5769	0.1111	-0.1475

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1333	-0.08437	0.27		0.4399	0.07562			-0.8387	-0.9546	-0.2931
1334	0.6022	1.187		-0.3236		0.1722	-1.002	-0.6422	-0.138	0.4534
1335	0.308	0.2824	-0.6942	-0.5377	0.658		-0.1057	0.4837	0.5679	0.4993
1336		0.1866	-0.87	-1.283	0.002266	-0.5577	-0.001445	0.01789	0.9921	0.3135
1337	-1.046	-1.131	0.5821	0.01863	-0.6056	0.3844	0.8207	0	1.204	0.6356
1338	-0.2355	-0.7111	-0.7177	-0.1712	0.2845	0.07453	0.0008203	0.4502	0.6843	0.4158
1339	-0.08563	-0.2813		1.289	0.2244		-0.06934	1.26	1.064	1.456
1340	-0.02	-0.5156		0.5443	-1.19		0.2463		1.14	0.9113
1341	-1.612	0.07234	-0.2743	-1.368	-0.002031	-0.782	1.214	1.324	-0.1922	-0.2308
1342	0.04437	-0.5313		0.8986	-1.476	-1.596	0.4207	1.51	0.7042	1.526
1343	0.63	-0.02563		-1.396	-0.86	-1.19	-0.4537	-2.144	-0.5902	-0.2088
1344		-1.012	-1.548	-0.6318	-1.106		-0.05973		0.2338	-0.05477
1345	-0.205	0.07941	-0.8372	-0.0007031	-0.875	-0.855	-0.3587	0.0006641	0.5548	-0.5037
1346	1.286	0.6402	1.174	0.03008	-1.004	2.856	3.582		0.1656	1.907
1347	0.5485	0.1829	2.306		-0.9415	2.078	3.935	0.5841	0.02828	0.07973
1348	0.5096	0.674		2.014		2.38	3.696	-0.2647	-0.0005469	-0.5991
1349	0.2194	-1.246		1.184	0.6094				0.09918	-0.05938
1350	1.68	1.124	1.348	2.944		3.35	4.186		-0.01039	0.4811
1351	-0.175	-0.3306	-0.1273	0.7793	0.905	0.205	1.691	0.7106	-0.5052	-0.7637
1352	-0.407	0.4473	0.9007		0.373	2.833	2.959	0.8286	-0.03723	0.004219
1353	-0.3061	1.698	0.6016	-0.3718	0.2639		2.71		-0.2263	-0.3248
1354	-0.295	-0.4906	0.002734	0.4993		2.585	4.321	0.08063	-0.1852	0.3063
1355	0.18	0.4144	0.8777	-0.1357	-0.38	2.22	3.326	-1.384	-0.7702	-0.3587
1356	-0.1641	0.3303	0.8537	0.0502	-0.4941	2.166	3.502	-1.418	-0.7043	-0.3628
1357	-1.145	0.4094	-0.1473	0.4893	0.505	3.355	4.331	-0.009375	-0.7552	-0.7337
1358	0.0124	2.107	2.22	-0.6633	-0.3276	2.192	1.959		-2.048	-1.946
1359	-0.2117	0.6427	1.006	0.4825				0.08391	-0.09191	-0.01047
1360	0.01	0.1844	0.4877	0.8343	0.13	0	0.5063	-0.6044	0.3098	0.2713
1361	0.07875	-0.2869	0.2065	1.443	0.05875	0.6987	1.515	0.3344	1.339	1.48
1362	1.17	0.8944	-0.1623	0.7643	-0.59	2.91	3.106	-0.9244	-0.2102	-0.4787
1363	0.509	1.393	1.027	2.243	1.329	-0.02102	0.9353	1.065	0.8388	0.5602
1364	0.34	1.494	0.4777	2.474	2.03	0.25		1.036	1.31	0.7312
1365	-0.4807	-0.05633	0.307	-0.2064	0.2793	-1.891	-1.184	-0.8351	-0.0008984	0.5305
1366		0.1116		-2.278	-1.833	-1.343	-0.006445		-0.3129	
1367	0.78	0.8944	-0.3323	-0.7557	0.13		0.3263	1.186	0.5298	1.181
1368	1.485	-1.401	-4.527				-0.5087	1.051	2.265	1.146

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1369	0.5271	-0.2986	-0.0852		0.9071		-1.017	0.8227	-0.2631	0.5183
1370	0.04	-0.3456	0.5377	-0.7357	-1.24	-0.38	0.1763	0.4156	0.5198	-0.3088
1371	0	-0.07562	0.1877	0.5943	0.06	-0.48	0.4163	-0.2844	1.21	1.131
1372	-0.205	-1.081	0.1927	0.3093		-0.935	-0.7887	-0.4294	-0.4552	-0.07375
1373	0.41	0.6144	0.5077	1.084	0.12	0.59	0.6063	-0.3544	0.2898	-0.05875
1374	-0.075	-0.8206	0.4927	0.4493	-1.285	-1.155	-1.249	-0.7794	-0.3152	-0.3237
1375	0.1	-0.3356	0.1677	0.9243	-0.71	-1.14	-0.9337	-0.7644	-0.3002	-0.4588
1376	-0.1136	-0.2992	0.8341	0.8507	0.4164	0.3564	0.2227		-0.4838	-1.012
1377	-0.1075	-0.9231	0.2302	-0.2632	0.9625	0.3025	-0.2612		0.0123	-1.936
1378	0.5459	0.8903	0.9737	0.8302	-0.7741	-2.814	0.002227	-0.7084	-0.1643	-0.002813
1379	0.3948	1.109	0.8925	1.329	0.0948	-1.755	-0.3289		-0.07539	0.4661
1380	0.515	1.289	1.503	-0.1107	0.285	1.485	1.981	-1.209	-0.005195	-0.2237
1381	0.5387	-0.6869	2.306	-0.08699	0.01875	0.08875	0.275	2.024	1.169	1.39
1382	-0.3044	-1.40E-11	1.093	1.75	-0.1644	0.5956	1.902	0.4313	0.5854	0.3169
1383	0.35	0.2444	0.5077	0.4143	-0.07	0.17	0.09629	2.466	1.75	2.241
1384	0.18	0.6344	-0.3023	0.2443	-0.77	-0.14	0.4263	-2.024	0.0898	0.2013
1385	-0.38	-0.2656	-1.362	0.3043	-0.62	0.17	1.246	-0.08437	0.7498	1.221
1386	-0.07844	0.02594	0.1693	0.1858	-0.1584	-0.6184	0.1779	-0.2328	0.4114	0.4428
1387	-0.61	-0.4156	-1.052		0.21	0.05	0.6163	-0.2044	0.2698	2.161
1388	-0.4206	-0.7963		0.3536	0.3194	-0.1006	0.1957	0.375	0.2592	1.881
1389	1.574	0.2881		2.248	1.014		-0.03996	-0.9606	-0.6664	
1390	0.2798	0.3142	0.3476	0.3041	-0.03016	0.9398	-0.1639	-0.3445	-0.1304	-0.1289
1391	0.004648	0.749	0.07238	-0.6811	-0.1454	0.6346	-0.8391		-0.005547	-1.414
1392	0.05875	-0.5869	0.9765	0.743	0.5587	-0.3313	-0.125	-1.706	-1.791	-1.43
1393	-0.1206	-0.1163	0.7271	0.3236	1.209	-0.7006	-0.7143	-0.465	-0.03082	0.05062
1394	-0.4041	-0.2397	0.1137	1.3	0.1159	0.1159	1.252	-0.02844	0.01574	0.1972
1395	-0.45	0.3444	0.7277	1.054	0.2	0.75	0.4063	0.6556	0.1698	0.6613
1396	-0.29	-0.06562	0.6477	0.9343	0.41	0.69	0.3663	0.8156	0.0998	0.8713
1397	-0.005	0.1794	1.093	0.8493	0.175	0.245	0.3713	0.09063	0.1748	0.8662
1398	0.06734	0.2417		1.832	0.1673	1.227	1.974	-1.127	-0.06285	-0.1514
1399	0.1278	-0.4278	0.4255	0.8421	0.3878	-0.1322	-0.5959		1.108	1.589
1400	0.7048	0.8592	0.05254	0.9791	0.8448	-0.3452	0.5811	-0.4596	-0.2554	1.046
1401	-0.23	0.1244	-0.2523	1.294	1.49	-0.59	0.1863	-1.344	-0.1502	-0.3188
1402	-0.4584	0.06594	1.199	0.3158	0.5916	-1.058	-0.4421		-0.04863	-0.05719
1403	-1.48	-1.316	-0.5423	-0.5357	0.46	-0.22	-0.05371	-0.1644	0.6398	0.4812
1404	0.2061	0.8305	0.1538	1.04	1.326	-0.5739	-1.148	-0.8183	-0.3941	-0.1927

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1405	0.402	0.8163	-0.07031	0.4462	1.412	-0.938	-1.092		-0.2782	0.1332
1406	0.5894	0.4338	0.6671	-0.1664	0.009375	-3.661	-1.274	-0.935	-0.6708	-0.1094
1407	0.11	0.5844	0.5377	0.7343	0.06	-0.23	-0.06371		-0.4902	-0.03875
1408	-0.03719	0.3672	0.2505	0.3671	0.5328	-0.2572	0.9491	-1.022	-0.8574	-0.2159
1409	-0.1895	-0.4852	-0.3818	-0.8653	-1.19	-0.1995	0.6768	-0.7339	-0.7297	-0.4083
1410	-0.2816	-0.5173	0.1461		-1.602	0.2984		-0.616	-0.8218	-0.1804
1411	-0.08	-1.066	0.3377	-1.336		0.49	0.1263	0.2056	-0.2202	0.09125
1412	-0.5641		0.6837	0.2902	0.2959	-0.3941	0.2422	-1.338	-0.2243	-0.2628
1413	-0.1843	7.81E-05		0.43	0.6057		0.902	-0.1087	0.7255	1.247
1414	-0.2161	-0.01172	-0.4384	0.6882	0.5239	-0.3561	-0.2998	-0.2205	0.5637	0.3752
1415	0.595	0.5094	0.1927	1.599	1.485	0.205	0.7813	-0.6394	-0.3352	0.3363
1416	-1.348	-0.9731	1.05	0.6868	1.212	-0.0275	0.8388	-0.9419	-0.3777	0.1837
1417	-0.5144	-4.66E-12	0.3934	0.5299	1.106	-1.034	-0.3381	-1.599	-0.6846	-0.8331
1418	-1.026	-1.141	0.9121	0.8286	0.2844	-1.536	-1.879	-2.14	-0.1658	0.1156
1419	-1.041	-0.3169	-0.5935	0.463	0.4987	-1.311	-0.255	-1.466	-0.1814	0
1420	-0.6378	-0.3334	-7.81E-05	0.4564	0.6822		-0.3515	-0.5022	-0.178	-0.09656
1421	-0.7612	-0.4569	-0.6635	0.223	0.2087	0.08875	0.715	-0.7056	0.2986	0
1422	-0.598	0.08633	0.5097	-0.1138	-0.938	0.152	0.5182	-1.392	-0.9482	-0.7368
1423	-0.065	-0.3006	0.3427	1.009	0.355	0.405	0.07129	-0.5694	-0.3552	-0.08375
1424	-0.1525	-0.9381		1.432	0.6575		-1.076		0.1073	0.2787
1425	-0.41	0.5444	-0.3623	0.8143	-0.07	-0.43	0.7163	-1.424	-0.5402	-0.4388
1426	-1.124	-1.39	0.6438	0.7104	0.2861	-2.244		-1.718	-0.1441	0.2873
1427	-0.5	-0.8856	0.9977	0.8243	0.74	-0.91	0.4963	-1.874	-0.8002	-0.5088
1428	-0.5528	-0.7984	0.9849	0.9014	0.5572	-0.6328	0.4635	-2.287	-1.113	-0.7116
1429	-0.6789	-0.4845	1.189	1.145	0.6411	-0.5389	0.4474	-2.513	-1.079	1.012
1430	0.5345	0.7589	0.1423	0.3988	-0.6555		0.0008203	-0.4198	0.4143	0.1958
1431	-0.8486	-0.8542	0.3691	0.6057	-0.1586	0.4114	1.078	-0.913	0.3412	0.2327
1432	-0.77	-0.4856	0.5977	0.9043	0.24	0.24	-0.04371		0.0498	-0.1487
1433	-0.39	0.2444		0.9743	-0.03	0.21	1.066	0.03563	-0.1502	0.08125
1434	-0.5397	0.2847		1.785	1.45			0.2759	0.2601	0.6316
1435	-0.2484	-0.05406	1.699	2.196	0.8716	-0.008438	0.3979	1.217	0.1114	0.5128
1436	-0.5741	-0.1097	-0.2063	0.2402	-0.01406	0.2059	0.4622	-1.328	0.1757	-0.3228
1437	0.1067	-0.1389	0.8745	0.201	0.3767	0.08672	-0.237	-1.638	-0.2835	-1.172
1438	0.02625	-0.2894	0.324	-0.4395			-0.5775		-0.1639	0.2775
1439	-1.24	-0.9255	0.9279	0.1944	-0.8498	-1.35	-1.174	-0.7942	0.15	0.3414
1440	-0.48	0.1544	-0.4923	-0.5057	-0.22	-0.05	-0.4937	-1.244	0.2898	-0.3388

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1441	-0.0607	-0.8963	-0.813	0.4836	-0.6307	0.2593	-1.004		-0.0008984	-0.5495
1442	-0.1665	-0.2321	-0.5187	0.4178	-0.4365	-1.166	-0.8402	-0.5308	-0.03666	-0.2052
1443	0.8044	0.9988	-0.4579	0.2586	0.03437	-0.5856	-0.2993	-0.64	-0.07582	-0.1744
1444	0.583	-0.1326			1.313		-0.5007	-0.07133	-0.6271	0.8543
1445	0.171	0.4954	0.6787	-0.3747	-0.869	-0.359	-0.1527	-1.383	0.8008	-0.2578
1446	-0.34	0.6744	0.8977	-0.6257	-0.88	-0.16	0.03629	-1.654	0.4198	-0.5287
1447	-0.2995		0.2883	-0.5952	-0.009453	0.0005468		-1.574	-0.2196	-0.4382
1448	-0.3809	-0.3165	0.5368	0.003359	0.1991	-0.3109	0.4554	-1.535	0.06891	-0.2396
1449	0.3328	0.09719	0.5405	0.1871	0.3528	0.2328	-0.0809		-0.4374	-0.5159
1450	-1.52	-0.3156	0.3677	-0.5557	-0.45		1.656		-0.5002	-0.6688
1451	-0.36	0.6344	1.378	1.394	0.64	1.36	2.416	-1.524	-0.0902	-0.06875
1452	0.5111	0.5355	-0.7812	-0.4746	-0.7589	-0.05891	1.057	-1.853	-0.6991	-1.068
1453	-1.043	-0.8384	-0.7551	0.08145	-0.9728	-1.403	0.8935	-1.737	-1.133	-1.032
1454	0.2	-0.2256	-0.1323	0.3043	-0.06	-0.31	0.4763	-0.6844	0.1798	0.3012
1455	0.8678	1.652	0.6655	0.4421	2.238	-0.08219	-0.3859	-0.5766	0.1876	0.4491
1456	0.09031	0.9747		0.5746	0.4103	-0.5397	0.7266	-0.4441	-0.5699	-0.9184
1457	0.31	1.344	0.5877	0.7843	0.97	-0.32	0.01629	-0.7544	-1.39	-1.239
1458	-0.04	-0.02563	1.268	-0.2157		0.38	-0.4037	-2.344	-0.5402	-0.3888
1459	-0.1413	0.1131	-1.524	1.323	1.369	1.299		-1.486	0.02855	-0.72
1460	0.31	0.2644		0.9743	1.19	0.8	1.936	-0.5044	-0.5802	-0.4988
1461	-0.6643	0.08008	-1.497	-3.91E-05	-0.9043	1.696	2.492	2.221	0.4555	0.307
1462	0.21	0.4244	2.778	1.954	-1.07	0.08	-1.114	-0.7144	-0.3402	-0.4488
1463	-0.0075		-0.1198	2.967	1.422	-0.0075	-0.3112		0.8223	0.8537
1464	0.4711	-0.05449	-1.111	-0.2246	-0.4189	-0.2189	0.4174	-0.7132	-0.3091	0.02238
1465	0.9394	-0.5262	-1.273	0.5436			0.5357	0.205	-0.5208	0.1906
1466	0.4973	0.5916	1.305	0.5415	0.2573	0.2673	0.4036	-0.3171	0.7871	1.939
1467	0.5303	0.1547	0.478		0.8903		0.3066		0.3701	-1.338
1468	-0.2713	0.4931	1.296	2.483	2.109	-1.391	-0.665	2.994	0.5286	1.35
1469	0	0.3144	2.018	1.074		-0.29	-1.314	3.606	-0.1302	-0.1488
1470	-0.3045	-0.4401		0.4498	0.6055			2.851	3.255	2.777
1471	-0.32	0.3344	0.2477	0.7643	0.61	0.54	1.636	1.586	1.84	1.941
1472	0.4531	-0.0425	0.9709	0.9974	-0.3769	-0.07688	-0.4606		0.5929	
1473	0.7887	0.6031	0.4665	1.033	1.589	-0.05125	0.695	-1.596	-0.6514	-1.88
1474	1.411	1.235	0.5188	-0.7646	-0.2489	0.1511	0.6074		-1.369	-1.318
1475	0.06	0.6944	-0.1723	0.4043	1.38	-0.97	-1.274	-0.3044	-0.6302	-0.7988
1476	-0.81	-0.6956	1.108	0.9543	1.17	-1.26	-1.334	-0.3144	0.3998	0.5312

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1477	-0.7813	0.09312	-0.7635	-0.467	0.3087	-1.291	-0.555	-0.4256	-0.7214	-0.23
1478	-0.09875	-0.2344	0.02898	0.3955	-0.5888	0.8712	-0.5125	0.2769	-0.2489	0.2525
1479	-0.3052	-0.2308	-0.4575	0.02906	-0.4052	-0.2552	-0.8589	0.2904	-0.5054	0.8561
1480	0.4722	0.7166	0.04992	-0.9036	0.2722	-1.498	-0.7015	0.3878		0.2134
1481		0.1044	-0.7023	0.004258	0.07	-0.31	-0.003711	1.866	0.7598	0.7012
1482	0.5911	0.6455	0.2788	0.8754	0.3711	-0.4789	-0.2526	-0.4933	0.3409	-0.04766
1483	0.31	0.5444	0.03773	-0.9957			-0.5137	-1.654	-0.2502	-0.9788
1484	-0.3777		0.4701	0.6666	0.3123	-1.068	-0.9514	-0.08203	0.4721	0.2836
1485	0.4239	0.2583	-0.1784	0.7682	0.4539	-0.3461	-0.3298	-1.82	0.5137	0.5352
1486	-0.025	-0.6206	-1.127	-0.3007	0.485	1.375	1.901		0.8448	
1487	0.04797	-0.9477	-1.484	1.162	0.188		0.02426		0.7478	0.2492
1488	-0.195	1.779		0.6593	-0.395		-0.3587	0.9906	1.165	0.9463
1489	-0.258	-0.2137		-0.08379	-0.188	0.732	0.7882	1.318	1.152	1.323
1490	0.3396	0.174	-0.5326	0.03391	0.1396	0.1096	-0.1441	-0.8647	0.009453	0.0209
1491	-0.339	-0.01461	1.059	0.6953	0.321	-0.339	0.007305	-1.783	-0.7292	0.2223
1492		-0.6756		2.344	1.34	0.44	2.106		0.8898	2.071
1493	-0.08	0.01438	-0.6823	0.4543	0.25	-0.62	0.5063	-0.8144	0.1798	-0.1287
1494	0		0.03773	1.404	0.84	0.35	1.546		-0.5902	0.9112
1495	-0.1516	-0.01727	0.1361	1.233	0.06836	-0.04164		0.564	-0.2218	1.27
1496	-0.4752	0.00918	0.3925	1.339	0.2948	-0.4652	0.03109	-0.1396	-0.2354	0.02605
1497	0.2242	0.01859	-0.358	1.798	-0.1458		-0.5195	-0.6102	0.914	0.5855
1498	0	0.5444	0.05773	0.4143	0.01	-0.83	-0.8237	-1.674	0.4698	0.3212
1499	-1.168	-0.9738	-0.3905	-0.704	-0.08822	1.642	0.2481	0.4274	0.2916	1.683
1500	0.01125	0.02563	-0.001016	1.216	-0.03875	-0.2388	0.01754	-0.8731	-0.3889	-0.1875
1501	-0.32	-0.4856	0.7177	0.03426	0.23	1.18	0.9363	-0.6644	-0.3302	-0.00875
1502	0.8699	1.084	1.478	2.094	0.1499	1.17	1.776	-1.454	-0.6003	-1.239
1503	-0.19	0.01437	-0.6723	-0.2557		0.69	0.5763	0.9856	-0.4702	-0.3188
1504	0.04937	0.4437		-0.9564		1.499	2.136		0.04918	0.7206
1505	-0.41	0.7044	-0.2423	0.9043	-0.47	0.8		0.9556	0.0698	0.3312
1506	-0.225	0.4894	-0.07727	0.9093	-0.495	1.245	-0.008711	1.421	0.3548	0.5863
1507	-0.68	-0.6356	0.8477	0.2043	0.14	1.77	1.596	0.1356	0.0498	0.8113
1508	-0.1525	-0.02812	0.9352	0.1118	-0.1725	1.637	1.234	0.3231	0.4173	0.8588
1509	0.3931	0.2875	-0.4591	0.6974	0.3731		-0.6206	-0.5312	0.5529	0.2144
1510	0.8675	1.882	0.2552	0.1018	-1.422	0.5575	0.3138	0.5731	-1.333	-1.101
1511	0.4987	0.1031		-1.107	-0.5913		-0.165	-0.005625	0.6886	0.16
1512	-1.06	-0.5556	0.2477	-1.666	-1.23	-0.71	-0.05371	1.016	0.7598	-0.07875

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1513	-0.8212	-0.6469	0.6965	-1.717	-1.451	0.4387	0.06504		0.2186	0
1514	0.5456	-0.35		-0.06012	-0.06438	-1.444	0.7219	-0.5287	-0.1846	-0.2531
1515	-0.6525	0.3819	-1.285	-1.498	0.1975	-1.113	-1.316	1.213	1.207	2.009
1516	2.014	0.2781		-1.292	-0.1163	-1.336		0.7794	1.094	1.705
1517	-0.258	-0.1637	1.35	0.5062	-0.398	-0.608	-0.9718	-0.7824	0.07176	0.4932
1518	-0.3529	-0.1486	1.015	1.071	0.9671	1.487		-0.6173	-0.2231	0.5083
1519	0.09648	0.3109	0.2442	0.4007	0.3765		-1.817	-1.648	-0.9137	0.2777
1520	-0.6328	-0.7684	-0.3451	-0.2486	0.7172				-2.093	
1521	-0.2998	-0.2355		0.5144			-0.8636	-1.414	-0.33	-0.7286
1522	-0.3139	0.1605	-0.006172	0.3604	-0.2639	0.3661	1.122	0.5317	-0.8841	-0.6627
1523	0	0.004375		1.164	0.46	0.81	2.446	-0.1244	-0.2902	-0.2388
1524	-1.466	-1.432	0.1716	2.308	1.744		1.86	0.1595	-0.3263	0.6252
1525	-0.8807	-0.4263	-0.03297	2.974	0.1793	2.069	3.246		-0.0008984	
1526	0.06219	-0.6434	0.3599	0.01645	-0.5478	2.262	1.818	-0.6022	0.302	0.4834
1527	1.139	1.883	-0.6736	-0.8671		0.5087	0.775	-0.0657		0.3599
1528	0.1139	1.408		0.02816	-0.6661		-1.31		0.5837	0.2052
1529	1.021	0.7755		2.145	0.7211	1.781		-0.7433	0.2609	0.2023
1530	0.05734	0.1517	0.4951	-0.1684	-0.6527	0.8973	1.404	-1.657	-1.003	
1531	-0.1809	0.4235	-0.003125		0.9391	-0.8209	-1.175	-0.5052	-0.1511	-0.6996
1532	-0.63	-0.8156	-0.1923	0.2543	1.09		-0.003711	-1.004	-1.45	-2.699
1533	0.2744	1.009	-0.1179	0.6886	0.4044	0.02437	0.3707	-1.47	-0.2058	-0.02437
1534	0.15	0.8044	-0.02227	0.7443	0.36	-0.25	0.5063	-0.6344	0.4298	-0.05875
1535	0.04688	1.061	-0.07539	1.981	1.567	-0.07313	0.6332	-0.7675	-0.2733	-0.2819
1536	-0.1041	-0.05977	0.3936	0.1401	0.1259		0.3521	-0.8485	0.7057	0.5371
1537	-0.1097	0.4847	1.488	1.515	0.7103	0.4403	0.4266	-0.2241	0.6701	0.3416
1538	0.9112	0.9956	3.259	1.036	0.5312	0.9512	1.408	-0.3131	-0.1989	-0.8975
1539	0.6238	0.7081	3.271	0.888	0.2337	0.9837	1.71	-0.3806	-0.5164	-0.975
1540	0.3259	0.7602	2.764	0.8301	0.4759	0.4159	1.332	-0.1385	-0.1643	-0.5329
1541	0.5144	0.6388	0.1021	0.1786			-0.4893		-0.1958	
1542	0.2472	0.6616		0.6314	0.4772		0.7035	0.3828	-0.743	0.1384
1543	-0.3652	-0.2908	0.4625	1.129	1.395		0.6811	-0.3896	0.01461	-0.02395
1544	0	-0.1456	0.7277	0.4843	0.54	-0.03		0.02563	-0.0102	-0.09875
1545	0.1288	-0.5069	0.6365	0.703	0.5287	0.1287	0.515	-0.4956	0.1186	0
1546	-0.5161	-0.1517	-0.1984	0.2882	-0.5561	1.334	2.41	-1.31	-0.3263	-0.6248
1547	-1.024	0.45	-0.1466	0.4799	0.005625	0.5856	-1.128	-0.5787	-0.6446	-0.7531
1548	0.158	0.7424	0.2758	1.422	-0.372	0.928	2.504	-0.9663	0.4879	0.2293

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1549	-2.161	-1.237	-1.274	0.133	0.1087	-1.411	-0.355	-2.476	-1.151	-0.3
1550	-0.7838	-1.099	-0.166	-0.01949	-0.5738	-0.2038	0.2125	-0.1481	-1.334	-0.7525
1551	-0.73	0.07438	0.4077	0.5743	-0.81	-1.3	0.1463	-2.604	-1.26	-1.379
1552	0.04367	0.208	-0.7886	1.428	1.134		-0.02004		0.3235	0.5949
1553	0.1539	0.3883	0.3216	0.6382	0.8939	0.1239	0.4302	-1.01	-0.1763	-0.2148
1554	-0.46	0.2044	0.4477	0.6543	-0.14	-0.31		-1.644	-0.0802	-0.03875
1555	-0.09078	0.6236	-0.08305	0.3735	1.149	0.2592	0.2155		-0.821	-0.4395
1556	0	0.2844	0.2777	1.084	-0.16	-0.01	0.5463	-1.404	-0.5002	-0.3388
1557	0.2838	-0.1819	0.3915	1.238	-0.1062	-0.3863	0.64	-1.341	-0.4764	-0.495
1558	0.515	0.06937	0.2927	1.139	-0.265		1.521	0.1106	-0.2852	-0.04375
1559		0.001328	0.2047	1.011	-0.283	-0.453	-0.1068	0.4826	-0.03324	-0.1318
1560	-0.09488	-0.7905	-0.3471	-0.04062	-0.4849	-0.8149	0.04141	-1.819	-1.585	-0.6036
1561		-0.05547	0.1779	-0.3756	-0.9498		-0.09355		-1.1	-0.9986
1562	0.2059	-0.09977	-0.3264	-0.4199	-0.8841	-0.7441	0.5621	-2.749	-0.3343	-0.8929
1563	-0.2564	-0.01203	0.03133	0.2179	-0.4964	-0.4664	0.5099	-1.371	-0.3966	-0.3752
1564	-0.3555	-0.01109	1.172	0.8788	0.5245	-0.8155	0.0008203	-0.2398	0.3343	0.8758
1565	-0.4312	-0.7069	1.126	0.663	-0.1413	-0.01125	-0.09496	-0.9256	1.149	0
1566	-0.2042	-0.9598	1.174	0.67	-0.1042	-0.4842	0.03207	-0.9786	0.8956	-0.443
1567	0.04391	-0.3517	0.1416	1.478	1.334	-0.3161	0.6102	-1.18	1.824	1.695
1568	-0.08281	-0.03844	0.01492	1.151	1.607	-0.4628	0.6235	-0.5172	1.117	1.118
1569	-0.92	-0.4656	-0.7323	0.1543	-0.47	0	0.6363	-1.944	-0.6102	-0.06875
1570	1.152	-0.9431	1.13	1.117	0.9025	0.1825	-0.7712		-0.6277	-1.966
1571		-1.142		1.248	0.6136	-0.04641				-0.8052
1572	0.8631	-0.1425	1.051	1.387	1.053	-0.2069			-0.5271	-0.4156
1573	0.075	-0.2806	0.3527		1.275	-0.225	0.3613	-0.7794	-0.1352	0.3463
1574	0	0.3844	0.2177	1.024	1.11	-0.25		-0.8944	-0.4302	-0.1588
1575	-1.297	-0.8228	-0.04945	0.1871	0.1628	0.1528	0.7291	-1.312	-0.9474	-0.4859
1576	-0.9672	-0.5028	0.01055	0.3671	0.1228	-0.1972	1.049	-0.3216	-0.6674	-0.1759
1577	-0.1812	0.08313	0.9265	1.783	1.589	-0.03125	0.695	0.4544	0.1386	0
1578	-0.6839	-0.3895	0.07383	0.2604	0.7561	-0.7139	0.2524	-1.338	-1.034	-0.8527
1579	-0.6291	0.3752		-1.025	-1.289	0.9209	0.4671	-1.894	-1.739	-2.038
1580	-0.06375	-0.1094		1.091	0.4862	0.4662	-1.317	-1.758	-0.04395	-1.523
1581	0	-1.136	1.908	0.2943	0.77			-2.244		-1.889
1582	0	0.5344	2.488	0.2043	0.71	-0.59	-0.1837	-1.034	-0.2302	-0.7188
1583	0.1536	0.998	2.841	-0.09215	0.6936	-0.7064	0.06988	-0.8108	-0.1666	-0.5452
1584	-0.2441	0.3403	0.1137	0.4602	0.4159	0.1959	1.722		-0.9543	0.5472

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1585	-0.4	-0.04562	0.2877	0.5043	-0.1	-0.54	-0.3137	-0.5844	0.5398	0.1213
1586	0.9136	-0.372	-0.1187	1.118	1.054	-0.06641	-0.9201	-0.3508	0.1034	0.1248
1587	-0.755	-0.2706	-0.1473	0.8193	0.895	-0.685	0.09129	0.9906	0.0948	-0.5638
1588	-0.5761	-0.5017	0.01168	-0.0118	0.01395	0.03395	0.6202	-1.93	-0.9863	-0.8148
1589	0.2728	-0.02281	1.521	0.8471	0.8228		0.8491	-1.392	-0.8474	-0.4859
1590	0.5056	-2.33E-11	1.473	0.8699	0.9056	0.1056	-0.4181		-0.8446	-0.1531
1591	-0.5883	-0.6239	0.4094	0.3059	-0.2683	0.07168	0.768	-1.163	-0.6185	-0.6271
1592	-0.1344	-0.13	1.113	0.8899	0.1056	-0.4544	1.532	-1.279	0.1754	-0.003125
1593	-0.3193	0.02504	1.118	-0.02508	-0.1693	0.4107	0.807		-0.4395	-1.058
1594	0.3228	0.02719	0.4205	0.5971	0.1928	-0.02719	0.3291	-2.952	-1.047	-0.8959
1595	0.1167	1.151	1.724	0.861	0.4467	-1.193	-1.737	-1.508	-0.4135	-1.272
1596	-0.08	1.154	1.798	0.7043	0.63	-1.12	-1.944	-1.364	-0.1802	-1.349
1597	-0.2589	0.9255	1.819	0.7754	0.4611	-1.199	-1.953	-1.323	-0.2191	-1.538
1598	0.02031	0.7147	1.548	0.6746	0.5103	-0.6697	-0.9734	-0.7641	0.1701	-0.7284
1599	0.04	0.8344	0.4977	0.3243	0.72	-2.47		-2.574	-0.9702	-1.499
1600	0.69	1.044	0.4477	0.4843	0.97	-1.2	-3.544	-1.864	-0.7602	-1.779
1601	-0.1413	0.06312	1.106	0.03301	1.919		-0.705	-0.8156	-0.04145	-0.35
1602	-1.083	0.561	1.104	0.1409	1.997		-2.747		-0.2936	
1603	0.09352	-0.2621	0.1012	1.368	0.7235		-1.4	-1.321	-0.4767	-0.4052
1604	-0.9538	0.01055	-0.2461	1.48	1.186	-0.8838	-0.5475	-1.258	-0.334	-0.9426
1605	-0.555	-0.4106	-1.577	1.469	0.495		0.6813		-0.4952	-1.944
1606	-1.931	-1.337	1.096	-0.5271	1.469	-1.411		-1.096	-1.002	-1.85
1607	-2.035	-1.381	0.9727	-1.141	1.305	-1.375	-1.759	-1.289	-0.8652	-1.664
1608		-1.701	0.7727	-0.1107	1.295	-0.885		-1.059		-1.354
1609	1.049	0.6034	0.2868	0.4133	-0.2809	-3.401	-2.905	-2.185	-1.521	-1.61
1610	0.7738	1.028		2.168	-0.1163	0.9437	1.73		-0.8064	
1611	-0.2833	-0.3789	-0.5555	-0.349	0.8667	0.5967		-0.01766	-0.1135	-1.852
1612	-0.58	-0.5456	-0.5623	0.6643	0.03	-0.59	-1.214	0.7556	0.1998	0.8213
1613	0.7978	-0.04781	2.276	-1.038	1.348	0.5778	-1.456	-0.2466	1.228	0.5691
1614		0.01828	2.392	-0.2418	3.144	-0.3161	-1.62	0.4995	1.054	1.185
1615	0.4259	-0.03977	2.334	-0.4499	2.886	-0.06414	-1.458	0.6915	1.616	1.227
1616	-0.9455	-0.2311	0.6623	1.009	0.2445	-0.3255	0.0008203	0.0001563	-0.9757	-0.4242
1617	-0.4739	-0.1295	0.7639	1.38	0.5861	-0.4739	-0.4176	-0.3282	-0.3841	-0.3926
1618	-0.6461	-0.07172	1.042	1.648	0.5939	-0.5461	0.2902	-0.7305	-0.4763	-0.6448
1619		-0.3891	-0.7257	-0.1892	0.09656	-0.4234	0.7829	0.1522	0.6864	0.09781
1620	-0.3243	-0.1699	-0.7566	-3.91E-05	-0.3843	0.1957	0.852	-0.1487	0.3455	0.187

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Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1621	-0.935	-0.9006	1.273	0.7993	0.855	-0.295		0.6006	0.4448	0.8162
1622	-0.9055	-0.6511	1.332	0.7588	0.7945	-0.04547	0.0008203	1.1	0.3243	1.026
1623	-0.0852	0.01918	0.5025	0.8391	-0.0952	-0.5052	0.2711	0.03043	0.9246	0.3461
1624	-1.02	-0.2656	0.7677	1.364	0.47	0.12	1.186	-1.254	0.3598	
1625	0.3967	0.2611	0.05445	0.871	1.057	0.2567	0.383	0.09234	0.4965	-2.502
1626	0.4953	-0.0003125	1.273	1.56	-0.5147			-0.6291	-0.01488	0.3766
1627	0.1163	0.1906	-0.09602	0.6905	0.7063	-0.2638	0.1425	-0.5081	-0.1339	-0.2325
1628	-0.66	0.07437	0.2277	0.5443	0.98	1.03	1.136	-1.414	0.0198	-0.1388
1629		-0.6269	0.2565	0.303	0.7887	0.9587	1.085		0.1086	-0.1
1630	-1.168	-0.4531	0.4802	0.4168	0.9725	0.4725	1.289		-0.2477	2.064
1631	0.2537	-0.09195	-0.1286	-0.5821	0.3837	1.574	1.26	-0.5107	0.05348	-0.1151
1632	0.1472	0.9416	0.3149	1.741	2.537	1.537	2.123		-1.093	-1.282
1633	0.9129	0.7173	0.5407	0.6872	2.083	2.263	1.799	-0.8514		-0.5958
1634	0.2948	-0.1208	1.123	1.679	1.075	-0.2752	0.2011	0.04043	0.7946	0.3061
1635	-0.4125	-0.06812		0.8818	-0.6725		0.2238		0.4773	-0.3012
1636	1.147	0.8613	-2.775	0.1611	-0.7131	-0.1931	-0.6368	-0.0875	1.537	0.7881
1637	0.7407	0.7251	-0.001523	1.275	-2.259	-0.4093	-0.923	0.1364	0.0005469	0.672
1638	0.303	0.06734		-0.7528	0.523	-0.947	-0.2607	-0.1614	-0.7572	
1639	-0.3361	-0.1017		0.2282	-0.5961	-0.3861	-0.6698	0.7795	0.6037	0.8152
1640	-0.8975	-0.6231	-1.15		0.3925	-0.5975	-1.061		0.6023	0.4837
1641	-0.34	0.1044		0.07426	-0.1	1.21	1.356	1.496	1.05	-3.209
1642	-0.2643	-0.2099		-3.91E-05	0.5457	2.336	3.322		-1.284	-0.873
1643	-0.452	0.08242	2.756	0.8323	1.618	-0.212	0.9443	-0.5463	-0.1021	0.3893
1644	-0.5943	-0.5999	2.093	-3.91E-05	-1.024	1.256	0.762	-1.989	0.3055	0.687
1645	-0.89	-0.4256		0.5643	-0.27	0.69	1.196	-1.154	0.4498	1.841
1646		-0.455	1.328	0.04488		0.7606	0.9169		-0.5496	0.01187
1647	0.1262	0.08063	1.794	0.03051	-0.3038	0.1862	0.4625	-0.8181	-0.9239	0.1575
1648	0.17	0.07437	2.588	1.644	1.6			-1.144	-0.5602	0.3312
1649	-0.02	0.4244		0.8443	0.19				-0.3002	
1650	0.5156	-2.33E-11	-0.8266	0.2299	-0.1444	1.426		0.1213	0.1654	-0.1431
1651	1.044	0.8587	-1.298	0.9786	0.5544		-0.8593	0	-0.08582	-0.5544
1652	-0.22	-0.05563	0.007734	-0.005742	-0.89	-6.71E-08	1.276	-0.2744	-0.1102	
1653	-0.12	0.5244	-0.4723	-1.636	2.81	0	0.9363	0.6956	0.0898	0.1013
1654	-0.4279	-0.5935	1.01	-0.1536	0.8621	0.02215	0.1884		0.001953	-2.597
1655	-0.3087	0.2857		-0.2444	0.3713	1.801	1.188		-1.679	-2.127
1656	-0.3241	-0.3598	0.2836	-0.08988	-0.3141	-0.2441	-0.3379	-0.3985	0.1557	-0.09289

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1657	-0.3027	0.2117		-1.198	0.2673	-0.8427	-0.1364		-0.3029	-0.3914
1658	-0.2243	-0.8199	-0.4266	-3.91E-05	0.0657	0.1557	-0.338	0.9013	1.616	1.297
1659	0.7621	1.467		-0.9136	-0.7179	-0.6379	-0.5416		-0.01805	-0.6266
1660	-1.158	-0.6737	-0.3004	-0.4339	0.4319	-0.6281	-0.2318	0.5875	-0.08832	-0.03687
1661	0.26	-1.416		0.3343	-0.58		-0.7437	-0.4744	0.3998	0.5912
1662	0.015	0.4994		1.579	1.005	-0.825	-0.4587	-0.6194	0.7148	0.5162
1663	-0.4944	-1.63E-11	0.01336	0.009883	0.1256	-0.1644		0.05125	0.1954	-0.3231
1664	-0.24	0.3844	0.7277	-0.1257	0.42	-0.12	0.5663	-0.6144	0.0298	0.4213
1665	0.5675	0.3319	0.5052	0.4618	2.028	-0.9625	-0.8162	-0.5969	-0.8227	-0.07125
1666	0	0.01438	0.5577	0.8643	1.35	0.06	0.2763	-0.9644	-0.3902	0.03125
1667	0.02734	0.4117	0.4551	0.6316	-0.3327		-0.1164	0.523	-0.04285	
1668	1.941	1.255	-0.09117	0.2354	0.2511	-0.5389		-0.1333	-1.109	-0.9477
1669	2.169	2.493	-0.8935			0.5987	-0.225	-0.8356	-1.471	-1.26
1670	-0.4	-0.5656	1.218	-0.6957	-0.68		-2.804		0.7198	0.4012
1671	-1.08	-1.036	0.5874	-0.2061	-1.01	-1.04	-0.5941	-1.315	0.02945	0.0509
1672	-1.04	-0.5556	0.6877	-0.1457	-0.55	0.79	0.4763	0.1756	0.2998	0.3713
1673	0.02	0.07437		0.06426	-0.74	-0.03	0.6863	1.106	0.7398	1.561
1674	-1.146	-1.041	0.672	0.3085	0.9742	-1.926	-1.579	0.2998	0.884	0.3955
1675	-0.3614	0.233	0.8863	0.4229	-0.2314	1.019	1.415	-1.496	-0.3416	-0.2302
1676	0.4837	0.3281	0.08148	0.828	1.024	-0.01625	0.47	-0.9206	-0.08645	0.135
1677	-0.2041	-0.1997	-0.5463	0.0802	0.1959	-0.3341	-0.8778		0.05574	0.5872
1678	-0.25	0.4644	-0.6023	0.5143	0.52	-0.81	-0.4437	0.5256	-0.0502	0.3312
1679	0.74	0.1944	-1.432	-0.005742	0.21		0.2263	1.406	1.15	0.8612
1680	-0.1894		0.5484	0.8249	1.011	-0.2894		0.2263	0.3504	0.1119
1681	-0.211	-0.3866	0.1867	0.8032	-0.01102	-0.211	0.3453	-0.5654	-0.3312	0.06023
1682	-0.2189	-0.3445	0.4488	1.055	0.1411	-0.1689	-0.02262		-0.4491	0.1123
1683	-0.17	-0.3756	-0.5723	1.224	1.86	0		-0.05437	0.4198	0.6013
1684	-0.1666	-0.5423	0.6011	1.678	0.7234	-0.02664	0.3296	0.309	1.163	1.945
1685	0.4169	0.2812	-0.6854		3.107	-1.673	1.603	1.032	0.8167	1.338
1686	-0.9464	-0.262	-0.6787	0.1579	2.634	0.4936	0.5799	0.8292	1.433	1.585
1687	0.13	-0.05563	-0.1823	1.094	0.52	0.24	-0.3337	0.2156	0.7998	0.8112
1688		-0.04062	-0.5373	1.749	0.855	-0.125	0.3113	-0.009375	0.7048	1.186
1689	-0.8	0.01438	-0.7423	0.2043	0.01	0.17	0.6963	-0.9044	1.21	1.241
1690	0.8525	1.057		-0.8732			-0.4112		0.2123	2.134
1691	-0.09891	0.005469		2.085	0.8211	0.08109	-0.7026	-0.8033	-0.3291	-0.7477
1692	-0.3244	-3.03E-11	0.2934	-1.28	-0.9444	-1.374	-0.5681	-1.579	-0.6346	

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1693	-0.007813	0.3566	-7.81E-05	-0.8636	-0.7778		-0.4315	-1.342	-0.708	-1.047
1694	0.4817	1.266	0.4395	-0.194	-0.6083	-0.1083	0.368	-0.5327	-0.3185	-0.187
1695	0.735	1.619	-2.357	0.4593	0.335	-0.715	-0.3187	-1.279	-1.255	-1.394
1696	0.1438	1.248	-0.4285	-0.212	0.00375	-0.6763	0.02004	-0.5706	-0.5964	-0.345
1697	0.3137	0.3581	-0.8085		0.3537	-0.5263	-0.03996	-1.481	-1.206	-0.795
1698	-0.01	0.4244	0.01773	-0.1857	-0.09	0.09	0.08629	-0.1244	-0.5202	-0.3588
1699	-0.2506	-0.7362	-0.1329	-0.6264	0.3694	-0.5106	0.5957	-0.705	-0.7208	-0.02938
1700	-0.2969	0.1275	0.1709	1.247	1.633	-0.2769	-0.1506	0.4588	-0.6871	-0.1356
1701	-1.37	0.1444		-0.8857	0.94		-0.03371	-0.1944	-0.8002	-0.5587
1702	0.7887	1.133	0.4365	-1.687	1.669	0.7487	-0.195	-0.09563	-0.5214	-0.62
1703	0.4	0.2044	2.068	0.4543	1.92		-0.5937	-1.274	0.6098	0.5312
1704	0.01625	-0.2494	1.454	0.2005	1.146		-0.4875	-0.4581	0.6761	-0.5025
1705	-0.04	-0.07563	1.318	0.5543		-0.16	-0.2237	2.476	-0.0402	1.371
1706	-0.59	-0.5256	0.3677	-0.6457	0.24	-0.38	-0.1537	-0.5944	-0.4502	-1.039
1707	-0.255	-1.051	0.03273	-0.4807	0.365		-0.6687	-0.4794	-0.9452	-0.8938
1708	0.2683	0.6927	-0.214	0.4025	1.208		0.9246	-0.3561	-0.5019	-0.2805
1709	-0.6273	-0.5529		0.667	0.2327		-0.281	1.608	1.233	1.314
1710	-0.8128	-0.5384	-1.015	-0.1086	0.1772	-0.5028	-0.5965	-0.4572	0.157	0.3084
1711	-1.396		-0.2487	1.138	0.6336			-2.771	-0.3766	1.005
1712	-0.8403	-1.356	-0.5426	-0.07605	-0.4203	-0.2603	0.06598	-0.4947	0.1595	0.2209
1713	-0.6335	-1.069	-0.3458	0.5007	-0.03352	0.8865	1.713	-1.618	-0.5537	-0.5823
1714	-0.5556	-0.8912	-0.07789		0.1244	0.9044		-1.23	-0.5658	-0.2144
1715	-1.053	-1.029	-0.4255	0.511	-0.4733	1.037	1.563	-1.268	-0.03348	-0.322
1716	-0.7228	-0.6484	0.04492	1.121	0.2872	0.9672		-1.317	-0.313	-0.3816
1717	-0.23	-0.4356	-1.242	0.3243	0.28	0.04	0.6563	-0.5244	0.3398	0.4512
1718	-0.6397	-0.4153	-0.592	-0.6854	-0.7097	-0.2397	0.0966	-0.1541	0.07012	-0.1884
1719	-0.68	-0.5856	-0.3823	-0.7257	-0.62		-0.4637	0.4456	0.1498	0.1712
1720	-0.237	-0.6027	-0.4493	-0.5728	-1.097	-0.597		-0.6114	-0.2572	-0.5958
1721	-0.0475	-1.463			-0.6575				0.6523	0.5637
1722	-0.1152	-1.071	-0.1575	0.9591	-0.3352		-0.6089		0.3446	1.226
1723	-0.2275	-0.09313	1.76	0.2868	-0.3575	0.1725	-0.1912	-0.03188	0.4223	-0.04625
1724	-0.34	-0.3356	0.6477	-0.2157	0.2	1.38	1.696	-1.204	-0.4802	1.391
1725	-0.6441	-0.1997	2.064	0.2802	1.456	0.8259	-0.8978	-0.4384	-0.1943	-0.1328
1726	-0.5613	-0.5869	1.176	1.423	-0.4713	-0.06125	0.165	-0.7556	0.4086	0.19
1727	-0.37	-0.1156	-1.422	-0.04574	0	0.24	0.3663	-1.064	0.4198	-0.03875
1728		0.1806	-0.756	0.06051	-0.3938	-0.6838	-0.6175	-0.2081	-0.2739	-0.5525

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1729	-0.01	-0.06563	-2.342	-0.2457	0.06	-0.02	0.4963	1.256	0.6398	0.5912
1730	-0.6133	-0.6689	-0.07555		-1.503	-0.7333	-0.237		0.8665	0.318
1731	1.744	2.279	-0.9781	-0.0316		1.754	4.29	0.4398	0.7639	0.5854
1732	-0.45	0.1044	-1.792	-0.3957	0.68	-1.15		2.486	2.59	2.541
1733	-0.543	-0.7786	0.4747	0.01125	0.977	-0.753	0.6133	-0.3474	-0.2032	-0.5818
1734	0	0.8344	0.3877	1.164	-1.13	0.79	2.196	-1.924	0.4898	-0.3088
1735	0.8958	-0.07984	0.3035	-0.34	0.2858		-0.4179	0.6214	0.6256	0.347
1736	0.1581	0.5225	0.1259	-0.4576		3.748	2.454	-1.226	0.1979	1.049
1737	0.08672	0.1911	0.1445	-0.319	-0.2833	3.467	2.543	0.06234	0.6665	1.108
1738	0.4822	0.04656	1.3	0.5564	0.8022	-0.05781	0.02848	-0.002187	-0.128	0.3534
1739	-0.1381	0.2663	-1.53		-0.5981	0.4319		1.938	1.852	1.673
1740	0.33	0.4444		-0.6157	0.96	1.25	0.1263		0.0898	0.7213
1741	0.003125	0.3475	-2.449	-0.2726	-0.1669	0.5231	0.5294	0.4288	0.1229	-0.02562
1742	0.215	-0.3206	0.3227	-0.4807	-0.155	0.295	0.2713	-0.8894	-0.005195	1.276
1743	0.01719	-0.1684	0.2249	-0.1186	0.2072	-0.2928	-0.4365		0.537	-0.3116
1744	-0.265	-0.2506	-0.04727	1.489	0.785	0.015	-1.029	0.08063	0.2448	0.5463
1745	-0.045	-0.2606	-1.437	-0.3207	0.305	-0.505	0.2513	0.1106	0.4648	0.07625
1746	-0.3213	-0.5369	1.006	0.483	0.7787	-0.7213	-1.225	2.374	1.049	0.86
1747	0.375	0.3094	0.5027		0.115	0.065	0.4313	0.5506	0.0548	0.5162
1748	-0.2987	0.6656	-1.561	2.336	3.581	0.1412	1.148	-1.083	-1.309	-0.1175
1749	1.802	1.337	1.06	2.637	0.3625	1.772	2.039	-0.5319	-0.4777	-2.606
1750	0.32	-0.3356		3.594		0.73	-1.654	0.09562	0.2298	2.101
1751	0.03965	-0.146	0.2074	2.884	0.9896	-0.5304	-0.8841	-0.5147	-0.0005469	-0.0591
1752	0.14	0.4244	1.068	1.124		-0.03	1.466		-0.0702	
1753	-0.2778	-0.1234	-7.81E-05	0.8964	-0.4278	0.3422	0.2385	-0.8522	0.852	0.1334

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1	0.08527	0.5412	-0.5788	-0.9387	-0.6981	-0.1188	0.3125	0.2253	1.512
2	0.4246	-0.5694	-0.02938	-0.4894	-0.6987	-0.9494	0.6119	0.4847	0.5612
3	0.264	-0.06	1.98	1.36	1.541	-0.89	1.951	2.464	0.7706
4	0.464	0.23	1.5	1.32	1.021	-0.12	1.131	1.924	0.4606
5		-0.34		0.43		0.09		-0.08594	-0.04938
6	-0.852	0.664		0.844	0.6046	0.714	0.5152	-0.112	0.7346
7	-0.238	0.318	0.888	0.848	0.3386	0.928	0.5292	0.272	0.9186
8	-0.09098	0.295	-0.105	-0.495	0.1556	0.185	0.8463	0.4691	0.5056
9	-0.4358	-0.4498	0.2602	0.4302	-0.2792	0.4502	0.3714	-0.3758	-0.4592
10	1.924	0.13	-0.02	0.2	0.3306	0	-0.08875	0.4241	0.4006
11		0.275	-0.035	0.085	-0.05437	0.215	-1.464	0.5991	-0.8644
12		-0.1469	0.2131	0.02313	0.02375	-1.407	0.6444	0.6672	0.4337
13	-0.4002	-0.1742	-0.004219	0.08578	1.136	-0.5142	0.03703	-0.1202	0.01641
14	0.344	0.01	0.64	0.31	0.1006	0.64	-0.1387	0.08406	-0.8494
15	1.254	0.5598	0.4098	0.5298	0.2805	0.8698	0.2711	0.4339	-0.1095
16	0.4634	-0.000625	0.4294	0.2494	2.28E-08	0.8794	0.2806	-0.01656	-0.96
17	1.817	0.5225	1.283	1.243	0.5931	1.733	-0.1962	0.6566	-0.3669
18		-0.2985	0.9115	0.6615	-1.028	0.1415	0.2328	-0.3844	-0.04785
19	-0.408	0.02795	0.2279	0.4479	2.569	-0.4221		0.122	0.7886
20	-1.003	-0.3475	-0.8075	-0.7475	0.4431	0.4325	-0.3063	0.02656	-0.2169
21	0.588	1.124	-0.09602	0.404	0.3146	1.084	0.7052	1.388	0.09461
22	-0.5335	-0.5375	1.122	1.002	0.2431	0.6425	-0.3963	-0.7034	0.3331
23	-0.6472	-0.7313	-0.3213	-0.3612	0.5294	-0.1612	-0.45	-0.3472	0.2794
24	-2.051	-0.025	0.505	0.885	-0.1744	-0.035	0.3963	-0.3809	-0.5244
25	-2.228	0.2675	0.8075	0.7475	0.2481	0.1875	0.3788	-0.2184	-0.1619
26	-0.226	0.32	-0.27	-0.02	0.08063	0.86	0.04125	0.3841	-0.4594
27	-0.4807	0.4153	0.4853	0.3953	0.3259	0.9453	0.2965	0.1893	-0.6441
28	-0.6832	0.04273	0.1927	0.02273	-0.7766	0.04273	-0.006016	0.006797	0.6634
29	0.154	0.5	0.46	0.54	-0.1794	0.43	1.061	0.6041	1.191
30	1.464		1.18	1.05	0.5506	1.42	0.9513	0.6541	-0.1794
31		1.131	1.141	1.081	0.9217	1.391	0.2423	0.6352	0.3417
32	-0.5997	0.8863	0.09625	0.1263	0.4269	1.126	0.6475	0.8803	-0.2131
33	-0.4604	1.056	0.7855	0.8055		-0.1045	1.167	0.1196	0.7262
34	-0.3824		-0.1864	0.2936	-0.1358	-0.1764	0.3448	0.7977	0.5942
35	1.864	0.04	-0.45	-0.55	0.3006	-0.01	-0.2287	0.05406	0.1806
36	0.3558	0.2518	-0.2682	-0.4882	-0.4076		0.08305	0.1359	-0.2676

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
37	0.2043	-0.4597	-0.6897		-0.3091	-0.5597	-0.2684	-0.3056	-0.2691
38	-1.227	-0.3213	0.00875	-0.1112	-0.1406	-0.6412	0.53	-0.007188	-0.04063
39	-1.266	-0.05	-0.3	-0.29	-0.1594	-0.15	0.5313	-0.09594	-0.1394
40	1.499	-0.005	0.305	0.015	-0.05437	0.145	1.436	2.259	1.176
41	1.587	0.03281	-0.2872	-0.2172	-0.2766	0.1828	1.894	2.457	1.013
42	1.515	-0.02891	0.2611	0.04109	-0.008281	0.2611	1.832	2.325	1.342
43	0.6565	0.7625	0.6025	0.0225	-0.3169	0.6525	0.5438	0.4566	0.9931
44	-0.656	0.85	0.31	0.59	0.3206	0.88	0.9613	0.4141	0.3406
45	-0.516	0.58	-0.54	-1.29	0.2306	-0.32	1.541	1.184	0.8606
46	-0.2187	-0.6227	-1.033	-0.5727	0.02789	0.06727	0.4585	1.411	0.7679
47	-0.3449	-0.1789	0.3711	0.4311	0.7917	0.8811	-0.07766	0.5852	1.652
48	0.6083	-0.4557	0.8243	0.6843	0.6749	0.4843	0.4055	0.3684	0.08492
49	-0.2072	0.4987	0.7587	0.5088	0.01938	0.4688	-0.24	-0.1872	0.3194
50	1.284	0.28	0.82	0.84	0.2606	0.62	1.321	1.184	0.9006
51	-0.03098	0.555	0.685	0.185	1.026	1.915	0.1263	-0.4609	0.3856
52	-0.796	-0.01	0.04	0.56	0.04063	0.79	-0.3387	1.044	-0.4994
53	1	1.056	0.7959	0.9159	0.4066	1.506	0.3772	0.27	-0.5734
54	-0.4304	0.9356	2.186	2.096	1.796	2.206	0.5969	0.9497	-1.364
55	0.01027		-0.4338	-0.06375	-0.7031	0.3762	0.3875	0.6203	-0.3631
56	1.32	0.6357			0.006328	1.156	0.407	0.3398	-0.4537
57	-0.3872	0.8587	0.8287	0.4988	-0.3706	0.4688	0.23	0.05281	-1.081
58	-0.531	0.705	0.345	0.535	0.6056	0.665	0.4663	0.08906	-0.4944
59	0.2653	0.8612	-0.2388	-0.2087	0.4919	0.4513	0.1725	-0.2547	0.07187
60	-0.826	0.54	0.07	-0.19	0.6706	0.34	0.2113	-0.07594	-0.1194
61	0.1212	2.167	0.5272	0.5972	0.3778	0.7072	1.068	0.9712	-0.3522
62	-0.646	0.83	0.36	0.56	0.6206	0.78	0.6213	0.6841	-0.2794
63	0.7	1.626	0.04594	0.2959	0.8866	1.246	0.4872	0.69	-0.3234
64	0.07652	0.5425	1.172	1.153	0.6931				-0.006875
65	1.114	1.96	0.11		0.9306	1.81	-0.03875	0.5041	-0.05937
66	-0.241	1.185	-0.275	0.315	-0.3744	1.305		0.9491	-0.5444
67	0.994	2.69	-0.29	-0.03	0.3606	0.85	0.1713	0.4741	-1.079
68	-0.651	1.325	-0.385	-0.765	-0.6744	0.355	0.3063	0.5291	-0.3344
69	-0.01348	1.352	-0.1575	-0.0275	0.2331	0.6825	0.5937	0.9066	-0.6269
70	0.304	0.9	-0.31	4.22E-08	0.1006	0.69	-0.2087	0.6241	-0.4494
71	-0.351	0.605	0.175	0.295	0.1956	0.205	0.7462	0.4291	0.1756
72		0.1948	0.5248	0.4348	0.5855	-0.1752		0.3389	0.9555

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
73	-0.3282	0.6778	0.01781	0.2278	-0.1016	-0.5222	0.6991	2.102	0.2384
74	0.02643		-0.0676	0.0124	0.583	0.5324	1.204	0.7165	0.563
75	-1.592	0.8744	0.7544	0.9744	0.245	1.424	1.306	1.048	0.285
76	-1.911	0.8953	1.235	1.025	0.6259	1.465	1.337	0.8394	0.3759
77	-1.019	0.9666	0.3866	0.3766	1.207	1.507	0.9378	0.6106	0.5172
78	-1.606	0.39	-0.01	-0.01	0.4406	0.24	0.8413	2.284	0.6806
79	-1.904	1.052	0.3522	0.2222	0.1928	0.4222	1.853	1.126	0.9028
80	-2.553	1.133	0.3927	0.4427	-0.2266	0.1527	1.434	1.117	0.7334
81	-0.236	0.55	0.19	0.17	0.4906	0.66	0.7613	0.5241	0.5506
82	-3.166	0.57	-0.84	-1.05	0.1206	-0.3	0.9813	0.5141	0.7106
83	-2.756	0.28	-0.56	-0.47	0.09063	0.02	0.7713	0.3941	0.8306
84	-1.381	0.255	-0.135	-0.375		0.425	0.5963	-0.1109	0.2556
85	-1.413	0.0825	0.3625	0.3025	-0.01688	0.3325	0.7337	1.087	1.013
86	-1.266	0.52	0.02	0.07	-0.06937	0.54	1.541	1.144	1.311
87	-2.031	0.095	-0.735	-0.705	-0.4244	-0.055	0.8863	0.6891	0.5756
88		0.5939	0.6639	0.6539	1.385	1.044	0.9952	0.638	0.4245
89	-1.001	0.525	0.705	0.745	0.1456	0.735	0.8863	0.6291	0.6156
90		1.614	1.924	1.974	1.065	1.674	1.925	0.8781	1.205
91	-1.028	-1.002	-0.212	-0.232	1.039	-0.782	-0.1207	-0.007891	0.008672
92	-1.317	-1.201	-0.5107	-0.6707	1.07	-0.8507	0.1005	0.5034	0.4399
93	-0.5182	0.6678	0.5378	0.2178	0.5884	-0.09219	0.5191	0.5219	0.6184
94	1.463	1.249	-0.01086	-0.04086	0.8898	0.3991	1.53	0.9132	-0.06023
95	-1.446	0.99	-0.06	-0.04	0.3106	0.74	0.4313	0.1341	-0.2694
96	-1.566	0.39	0.58	0.51	0.2406	0.4	0.3113	0.3041	0.09062
97	-0.946	0.72	0.86	0.95	1.031	0.57		0.6741	0.4106
98	0.2634	1.019	0.8994	0.9594	0.67	0.2494	0.3206	0.4434	0
99	-1.017	0.1594	0.8994	0.5294	0.46	-0.1606	0.1506	0.2834	-0.16
100	-1.036	0.44	0.26	0.28	0.3306	-0.19	0.2413	0.6041	0.03063
101	-0.4838	0.3622	0.5422	0.2722	0.6228	0.3122	0.3934	0.6362	-0.1072
102	-2.105	0.4411	0.3011	0.1411	0.1617	-0.2389	0.5123	0.3252	0.2817
103	-1.342	-0.07563	0.3244	0.5144	-0.025	-0.1356	-0.004375	0.3084	0.125
104	-1.006	0.34	0.12	0.24	0.01063	1.03	0.1513	-0.03594	-0.1894
105	-1.698	0.3979	0.5379	0.3579	0.1785	0.9579	0.6791	0.3419	0.08848
106	0.3453	-0.1088	-0.2888	-0.05875	0.1419	-0.8788	-0.5875	-0.1947	2.062
107	-0.04117	0.2648	-0.0952	-0.2352	-0.1346	-0.005195	0.1761	-0.3011	1.455
108	0.1112	0.6872	0.3672	0.5172	-0.01219	0.8972	0.4784	0.5012	0.3478

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
109	0.869	1.355	-0.595	-0.705	-0.2344	-0.515	0.3963	-0.3409	1.196
110	-0.2933	1.683	-0.6973	-0.4973	-0.1367	-0.4073	0.5839	-0.3932	0.9033
111	-1.017	1.649	-0.851	-1.001	-0.3304	-0.581	0.6402	0.143	1.11
112	-0.4337	0.8423	-0.6277	-0.6177	-0.1971	0.01227	0.3435	0.03633	0.1029
113	-0.8135	0.7025	0.2825	-0.3275	0.2231	0.6625	0.8037	0.5266	0.6631
114	0.414	0.33	-0.6	-0.58	0.1906	-0.33	0.3813	0.3341	0.02062
115	-0.6072	-0.4913	0.1187	-0.02125	0.9094	-0.7613	0	1.573	0.6294
116	-0.481	-0.695	0.155	0.085	1.106	-0.745	0.1463	1.429	0.8456
117	-0.4777	-0.6817	0.2183	0.4283	1.419	-0.7217	0.1495	1.572	1.349
118	-1.539	-0.1928	0.3172	-0.03281	-0.9622	-0.3328	0.9584	0.1712	0.2378
119		1.157	1.487	1.488	0.8581	1.188	0.9288	1.042	0.008125
120	-1.626	1.34	0.9705	0.9205	0.2811	1.26	1.382	0.8345	0.8111
121	-1.056	0.89	1	0.88	0.8406	1.16	0.9913	0.5941	1.361
122	-1.663	0.6328	-0.1372	-0.1272	-0.6866	0.6328	0.2441	0.4769	-0.1566
123	2.276	0.6822	-0.4478	-0.5278	0.5728	0.6722	1.093	1.676	0.2228
124	-1.081	0.185	-0.365	0.065	0.4656	0.645	0.5363	-0.4509	-0.4944
125		-0.2671			0.1635	-0.3671	0.06414	0.09695	-0.03648
126	0.2503	0.3362	0.2862	0.1563	0.5269	0.5463	0.3575	0.4203	-0.2031
127	0.05121	0.2472	0.3672	0.3772	0.4078	0.2672	0.2484	0.1112	-0.08219
128	0.008555	0.9145	0.6545	0.7045	0.7252	1.275	1.006	0.6086	-0.6048
129	0.6992	0.1552	-0.5948	-0.3348	-0.5542	-0.03484	-0.04359	-0.1908	0.7558
130	0.5228	0.6687	-0.5213	-0.4012	-0.04062	0.3488	0.73	-0.1372	-0.5006
131	0.719	0.435	0.185	0.595	-0.7344	0.935	0.1263	0.3891	-0.7644
132	-0.516	-0.16	-0.2	-0.11	-0.6794	0.44	0.2913	0.2241	-0.5294
133	1.855	0.1909	0.5509	0.2009	-0.2284	0.6809	-0.5378	-0.025	-1.078
134		0.3023	-0.8977	-0.2977	-0.6971	-0.4377	0.3635	-0.2537	1.683
135		0.3063	-0.1637	0.1563	-0.3331	-0.1537	-0.0125	0.0003125	1.447
136			0.3633	0.5533	1.464	2.593	1.055	0.9073	-0.4961
137	0.005742	0.8217	0.4617	0.7817	0.6923	1.672	0.493	0.5958	-0.2377
138	-0.6079	-0.692	-0.132	-0.172	0.4987	0.968	-0.0407	0.3721	-0.1413
139	0.3565	0.1725	0.8225	0.3225	0.03312	0.3425	0.5037	0.9466	0.1331
140	-0.331	-0.015	0.335	0.395	-0.6844	1.805	1.176	0.5691	1.466
141	-2.234	-0.2477	0.2023	0.2623	-0.07711	0.3223	-0.8365	-0.4837	0.01289
142	-2.016	0	0.11	-0.05	0.8006	-0.71	0.5913	0.4241	0.07063
143	-3.559	-3.223	-0.7328	-0.6628	-0.9122	-2.483	-2.162	-2.109	0.1678
144	-1.451	-0.605			-0.6544	-0.015	-1.074	-0.7509	-0.8144

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
145	0.3418	0.007812	-0.1122	-0.1422	0.6184	0.4278	0.3391	0.1019	0.2184
146	-0.6188	-0.002813	0.06719	-0.1728	-0.08219	-0.09281	0.5284	0.1512	0.3078
147	-0.7791	0.6968	-1.053	-0.3332	-1.313	0.7668	-1.182	-1.559	-1.203
148		-0.06	-3.31E-08	0.28	0.1206	0.41	-0.3787	0.2241	-0.08938
149	-2.616	-0.09	-0.5	-0.33	-0.6494	-1.02	0.3113	0.5741	0.2206
150	-3.136	0.6197	-0.07031	0.1597	0.2603	0.3197	0.8609	-0.1163	0.02031
151	-0.8988	0.1072	0.2572	0.2472	-0.1822	0.9172		-0.1488	0.3078
152	-1.521	0.345	-0.025	0.345	0.2956	0.835	0.7163	0.2391	0.3356
153	-1.631	0.805	0.315	0.125	0.3956	0.985	0.9962	0.1891	0.3856
154	-2.757	0.2394	-0.2806	-0.3106	3.12E-09	-1.221	0.3206	-0.5666	0.51
155	-3.466	0.16	-6.43E-09	0.15	-0.5394	-1.42	0.3313	-0.1359	-0.03938
156	-3.276	0	0.13	0.12	-0.5594	-1.32	0.2313	-0.09594	-0.03937
157	-2.346	0.64	-0.43	-0.56	0.1906	-1.3	1.191	0.1741	1.561
158	-2.377		-0.2813	-0.1212	-0.000625	-0.7513	0.48	0.3828	1.129
159	-1.831	-0.815	-0.275	0.515	0.04563	-1.815	0.4763	0.09906	0.8456
160	-1.767	-0.08137	-0.06137	-0.1914	-0.4307	-0.8814	0.9499	-0.0273	0.5393
161	-1.916	-0.4603	-0.1203	-0.0003125	-0.1397	-0.1903	0.6409	0.06375	-0.3897
162	-0.8921	0.3139	-0.6161	-0.3261	-0.3655	0.8839	-0.4548	0.278	0.07453
163	-0.246	-0.13	-0.37	-0.5	-0.5194	-0.53	1.041	0.9941	0.7706
164	-0.5702		-0.2242	-0.4342	-0.5536	-0.2842	1.017	0.9198	0.7664
165	-0.7266	0.2194	0.6294	0.1794	-0.87	0.8894	0.1206	0.4434	0
166	-1.036	0.54	-6.43E-09	-0.14	-0.03937	0.78	1.131	1.294	-0.6794
167	-1.486	1.49	0.32	0.45		1.54	0.7213	1.064	-0.8994
168	-2.686	1.82	0.92	0.72	0.3406	1.79	-0.3487	0.9341	-2.369
169	1.022	1.038	0.6679	0.4479	-0.01145	1.008	0.00918	0.762	-0.7214
170	-2.138	-0.1621	2.038	1.888	0.2085	1.488	0.7491	0.732	-1.271
171	-1.696	1.25	1.52	1.81	0.06063	0.7	-0.2987	1.224	0.1806
172		0.625	0.735	0.925	1.036	0.795	0.7062	1.119	-0.2744
173	-2.188	0.7083	0.1483	0.4883	-0.2011	-0.5317	0.6195		-0.05109
174	-0.6761	0.1698	0.4898	0.4298	0.4805	0.6998	0.6911	1.244	-0.3195
175	-0.749	0.147	0.507	0.677	0.1176	0.957	0.5282	0.8411	-0.6924
176		0.5424	0.03242	-0.3276	0.113	0.4424	-1.266		0.553
177	-0.6846	0.1214	0.1714	0.1314	0.04203	-0.3486	0.2727	0.07547	0.102
178	1.284	0.28	0.62	0.69	-0.1994	0.58	-0.2787	0.5241	0.1506
179	2.348	0.1335	0.5035	0.3835	0.2842	0.9735	-0.03521	0.1376	0.03416
180	2.164	-0.07	0.42	0.31	0.2406	0.38	-0.3087	0.1941	0.07062

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
181	2.042	-0.2116	0.4784	0.1784	0.149	0.4384	-0.07039	-0.007578	-0.121
182	-1.876		0.53	0.5	0.3106	0.59	0.1413	0.5041	-0.04938
183	-1.888	0.1077	0.5777	0.3277	0.7784	0.6877	0.269	0.6618	-0.08164
184	-1.151	0.5855	0.3255	0.2355	0.2961	0.2355	0.5967	0.4595	0.1761
185	-0.6608	1.055	0.04516	0.1452	-0.9442	-1.525	1.336	0.9692	0.7058
186	-0.566	0.41	0.22	-0.16	1.091	0.28	0.5513	0.5741	-0.6594
187	-0.7985	0.5475	0.9475	0.2575	0.8681	-0.5525	0.2388	0.5816	-0.2219
188	-1.032	0.1139			1.175	-0.3161	0.1052	0.358	-0.6455
189	-0.638	0.718	1.088	0.668	1.139	-0.08203	0.3092	1.182	-0.8914
190	-0.666	0.14	0.6	0	1.361	0.19	0.2912	0.6841	-0.7194
191		0.2746	0.4146	0.1346	0.4953	0.2146	1.026	1.209	0.9053
192	-0.37	0.1859	-0.3341	-0.3241	0.1266	0.4959	0.4472	0.29	-0.2434
193	-0.7814	1.165	-0.1055	-0.2455	0.9652	-0.1755	1.516	1.999	1.505
194	-0.2804	0.9256	0.1356	0.1156	0.7763	0.005625	1.047	1.12	-0.1038
195	-0.108	0.7079	0.1679	0.1879	0.1986	-0.02207	1.189	1.262	0.6986
196	-1.066	0.04045	0.1304	0.07045	0.5111	0.2004	0.6417	0.6045	0.3411
197	-0.001211	0.4748	-0.005234	-0.08523	-0.6946	0.09477	0.09602	0.1788	-0.2646
198	-0.386	0.87	0.23	2.67E-08	0.3006	0.14	0.2313	0.1341	-0.4494
199	-0.6302	0.3358	0.3758	0.3558	0.4364	1.446	0.1471	0.2599	-0.3736
200	-0.941	0.545	-0.365	-0.405	0.6556	0.945	-0.3337	0.3891	-0.9344
201	-0.9458		0.2302	0.4402	0.2808	1.21	-0.2686	0.2542	-1.149
202		0.6911	0.9011	0.8711	0.8017	1.881	0.7523	0.03516	-0.3783
203	0.264	0.57	0.82	0.72	0.5006	1.87	0.3913	-0.2459	-0.6694
204	-0.2088	-0.2528	0.7872	0.1972	0.6678	0.8372	-1.232	-0.6488	-0.3022
205	-2.019		0.06695	-0.373	-0.02242	0.157	1.198	0.631	0.7076
206	-2.122		0.5544	0.4944	0.435	0.6844	0.02563		0.405
207	-1.133	-0.2172	0.4528	0.6128	0.4334	2.033	0.04406	0.2569	0.3434
208	-1.243	1.332	1.532	1.342	1.653	2.662	1.324	0.7666	-0.7169
209	-0.4213	0.4847	0.3747	0.3847	0.8553	-0.09531	1.586	1.499	0.9053
210	-1.216	0	0.12	0.01	0.3606	-0.18	1.411	1.144	0.5506
211	-0.7527	0.5533	1.023	1.013	1.374	1.443	0.6045	0.7473	0.01391
212	-0.2304	0.7956	-0.2544	-0.2744	0.3863	0.3256	0.6169	0.7097	0.8762
213	-2.031	1.285	1.015	1.555	1.026	1.435	1.426	0.3391	0.3356
214	-0.928	0.998	0.358	0.468	0.7686	1.198	0.6592	1.222	0.9586
215	-1.503	0.2729	-0.08711	-0.2371	-0.1665	0.002891	0.5141	0.847	-0.1465
216	-0.781	-0.765	0.345	0.325	0.5456	-1.085	-0.07375	0.3591	1.136

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
217	1.48	0.9761		-0.06391		0.8961		0.7002	1.007
218	-0.9572	-0.7413	0.2187	0.6388	-0.3806	0.09875	0.85	-0.4872	0.5894
219	0.02402	0.33	-0.32	-0.24	0.1306	0.04	0.5013	0.06406	0.4006
220	-2.186	0.44	-0.42	0.01	0.07063	-7.15E-09	1.381	1.194	0.6806
221		0.1437	0.5637	0.4638	0.4444	0.08375		0.5478	0.5044
222	-1.576	0.72	0.84	0.75	0.3906	0.8	0.9713	0.4941	0.2806
223	-2.503	0.0325	0.8525	1.212	0.5831	0.5425	1.104	0.8866	-0.2269
224		0.4383	1.508	1.098	0.9889	-0.1717	0.3895	0.1423	0.2689
225	-0.4819	0.2341	0.6341	0.3841	0.09469	-0.1559	-0.01469	0.9781	0.6947
226	0.979	0.025	1.485		-0.2944	1.275	0.6963	0.2791	0.8956
227	-0.241	0.375	0.475	1.315	0.5656	0.775	1.006	0.8491	0.8356
228	-0.326	0.24	0.56	0.66	-0.4094	1.03	-0.02875	0.1041	0.9406
229	1.144	1.09	1.19	1.71	-0.04937	1.17	1.431	1.184	1.261
230	-0.1257	0.5903	1	1.01	0.6909	0.9003	0.9516	0.9644	0.07094
231	-0.2601	0.6759	0.7959	1.086	0.8865	0.8659	1.017	1.21	-0.03352
232	-0.281	0.555	0.025	-0.055	0.6756	0.705	0.8263	0.7191	1.146
233	0.08715	-0.04688	-0.9369	-0.6869	0.01375	0.003125	0.3444	0.3972	0.7937
234	1.104	0.74	0.62	0.58	0.9006	1.17	0.5113	1.124	0.5206
235	1.401	0.487	0.797	1.027	0.7876	0.997	0.4182	0.881	0.1776
236	-1.207	0.6694	1.559	1.619	-0.61	1.809	-0.01937	0.9234	-1.07
237	-0.3704	0.2056	-0.03438	0.1656	0.1863	0.4056	0.5269	0.6597	1.746
238	0.1118		0.2878	0.1478	-0.8516	0.2378	1.439	-0.09813	0.9584
239	-0.6613	0.004687	0.1547	-0.03531		-0.09531	1.146	1.179	-0.004687
240	-0.7047	0.3212	0.4512	0.5513	0.2819	0.2913	-0.2075	-0.2547	0.7719
241	-0.8998	0.3162	0.5962	0.5762	0.0268	0.1862	-0.05258	-0.009766	0.7468
242	0.244	0.08	0.66	0.91	0.6406	-0.04	0.1013	-0.04594	0.4906
243	-0.8447	0.2112	0.7012	0.4913	0.5819	0.1913	1.333	0.9253	0.1819
244	0.8046	0.3505	0.9205	0.5605	1.281	0.6305	0.9618	0.5946	0.6912
245	-0.7285	0.2475	1.148	1.088	0.5381	1.378	0.3688	-0.05844	0.8781
246	-0.4614	-0.2155	0.3145	0.5445	0.1952	0.2045	1.206	0.3086	0.4652
247	-0.5642	0.4118	0.4018	0.1418	0.6224	0.08178	0.003027	-0.3542	0.0324
248	-0.2818	0.8241	1.154	0.5841	0.1248	0.6741	0.09539	0.8082	-0.2252
249	0.509	0.585	0.265	0.855	-0.1744	1.095	0.00625	0.5591	0.1256
250	1.691	0.006953	0.707	0.287	-0.1624	1.587	1.028	1.241	-0.4624
251	0.7623	0.5883	1.068	1.128	-0.6111	1.268		0.2823	0.05891
252	0.479	0.555	1.235	1.035	0.2156	1.675	0.02625	0.3091	-0.1344

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
253	-0.116	1.55	-0.61	-0.65	0.9606	0.37	-0.2487	0.4341	-0.6694
254	-1.781	0.6949	-0.3351	-0.1151	0.6455	0.6349	0.7362	-0.451	0.1755
255		0.1022	-0.4778	-0.7078	2.753	1.812	-0.1166	-0.4338	-0.4372
256		0.9536	-0.6064	-0.3564	1.564	0.2636	-0.5152	-0.06234	-0.4858
257	-1.219	0.8668	-1.033	-0.7932	0.2274	-0.9932	-1.062	-1.049	0.5674
258		0.2183	-0.8517		0.1189		-1.35	-0.3677	-0.5411
259		-1.031	-0.7506	-0.7206	-0.36				-0.41
260	-1.197	-0.4913	-0.4113	-0.4212	0.3794	0.00875	0.02	0.06281	-0.4406
261	0.3365	0.2025	-0.0675	0.0125	-0.03687	0.3425	0.6838	0.3966	1.533
262	-1.972	0.1639	0.003906	-0.2161	0.2145	-0.7261	0.1552	-0.212	0.1945
263	0.1801	-0.1839	-0.4339	-0.4339	-0.5533	-0.6639	0.4773	0.3202	0.3567
264	0.769	0.325	-0.205	0.035	0.3256	0.215	0.3463	0.1691	0.7156
265	0.3923	0.5383	-0.3617	-0.1817	-0.5711	-0.4817	0.1995	0.3823	1.769
266	0.4968	-0.4772	-0.9872	-0.8272	-0.8366	-0.6772	-0.5159	-0.4531	1.813
267	0.3214	0.1874	-0.2326	-0.0926	-0.912	-0.002598	0.1487	0.8415	0.558
268	0.4801	-0.2339	-0.7239	-0.6339	-0.9033	-0.4639	0.1973	-0.3799	0.1867
269	1.426	1.522	0.9522	1.072	1.993	0.4222	2.553	2.536	2.193
270	0.007617	0.5236	0.2036	0.05359	0.1042	-0.1764	0.08484	0.04766	-0.5658
271	-1.29	0.4163	0.3063	0.6763	-0.2331	1.446	0.5175	0.5203	0.9869
272	-0.506	-0.49	0.01	0.06	-0.3494	0.84	0.7313	0.7641	0.2606
273		-0.1441	-0.3841	0.4559	0.5965	-0.004141	1.117	0.5499	0.1565
274	0.3332	-0.4209	0.2891	0.08914	0.3398	0.5891	-0.4196	-0.5168	-0.2102
275	0.564	-0.04	-0.8	-0.54	-1.099	-0.43	-0.06875	-0.7059	-0.3394
276	0.3962	-0.4879	-0.08785	-0.3479	0.02277	0.1421	-0.5466	-0.3438	-0.8972
277	-2.176		0.03	-0.04	0.1506	-1.12	-0.04875	2.214	-0.9394
278	-1.577		0.6794	0.4794	1.54	-0.8106	0.4606	1.173	0
279		0.007812	-0.2322	0.05781	0.1884	-0.1822	0.06906	-0.1281	0.01844
280	1.104	0.32	0.11	0.04	0.09063	0	0.5413	0.4641	0.5406
281	1.294	0	-0.12	-0.5	0.3906	0.18	-1.989	0.2541	0.8306
282	-0.7482	-0.07219	-0.1522	-0.1522	-0.2816	0.1478		-0.01813	0.2184
283	0.02871	0.5147	-0.2353	-0.1653	-0.3047	-0.6653		-0.4913	0.2653
284	0.114	0.08	-0.91	-0.71		-0.47	0.4713	0.3041	-0.4194
285	0.1312	-0.1328	0.5172	0.5672	0.6778	0.01719	0.8684	0.4812	1.078
286		-0.0075	0.4125	0.6025	0.5931	0.7425	0.5238		-0.8369
287	0.6495	-0.1345	0.4855	0.5955	0.5861	0.9255	0.8468	1.03	-0.6239
288	0.1234	-0.4806	-0.08063	-0.02062	0.09	-0.05063	-0.3494	-0.5866	-0.42

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
289	0.2278	0.2237	0.3237	0.3738	0.1644	1.884	0.905	0.2078	1.784
290	4.45		2.436	2.436	1.296	2.686	2.187	1.68	2.506
291	2.72	0.7059	1.706	1.616	-0.09352	1.336	1.207	0.9399	1.776
292	1.874		1.02		1.371	1.43	0.9013	0.3841	-0.1894
293	1.193		-0.3514	0.01859	0.07922	-0.001406	-0.2302	-0.3573	-0.03078
294	0.03402	0	-0.3	-0.01	-0.09937	-0.16	-0.2587	-0.6359	0.5006
295	1.144		0.44	0.33	0.1506	-1.03	-1.079	-0.3159	-1.109
296	0.9788	-0.7752	0.5748	0.4448	0.1054	-0.5352	-0.7339	0.1389	-1.245
297	-0.004258	-0.5483	0.4717	0.5917	1.512	-0.2783	-0.407	0.2358	-0.3677
298	0.104	-0.91	0.56	0.58	1.021	-0.73	-0.4887	0.2741	-0.7294
299	2.942	0.5478	0.4278	0.5278		0.8878	-1.141	-0.1281	-0.2316
300	0.2665	0.4425	0.3325	0.6525	0.7731	0.5825	1.414	1.377	1.033
301	0.724	1.34	0.15	6.13E-09		1.22	1.131	0.3341	1.011
302	-0.264	0.742	0.842	0.952	0.5226	2.592	-0.0568	-0.314	-1.877
303		-0.1875	-0.5075	-0.5475	0.2631	-0.2075	0.1438	0.6366	-0.6769
304	-0.4302	0.9158	0.02582	0.2658	0.2464	0.3458	1.297	0.6899	-0.003555
305	-0.326	0.84	0.05	0.19	0.1106	0.5	1.111	0.5541	-0.009375
306	-0.0916	0.03437	-0.3156	-0.3456	0.075	-0.6856	0.3356	-0.4616	0.315
307	-0.506	-0.16	0.41	0.29	0.3606	0.25	-0.02875	-0.07594	0.4306
308	0.9214	-0.2927	0.08734	-0.7627	0.458	-0.4227		0.3114	0.158
309	0.4315	-0.2125	-0.6625	-0.7425	-0.6719	-0.2525	0.1788	0.5616	-0.08187
310	1.309	-0.2354	-0.4454	-0.5054	0.3453	0.3046	-0.6941	-0.6113	0.05527
311	0.6843	-0.5497	-0.4497	-0.7097	-0.2591	0.02031	-0.5384	-0.7756	0.5909
312	0.674	-0.09	-0.4	-0.47	-0.2694	0.02	-0.1787	0.04406	1.151
313	0.7984	-0.3556	-0.5656	-0.4456	0.065	0.1144	-0.4544	-0.4616	0.425
314	0.8601	-0.5339	-0.4339	-0.3039	-0.2233	0.02609	-0.6327	-0.4498	0.7267
315	0.8444	-0.4296	-0.5896	-0.6196	-0.09902	0.2504	-0.5984	-0.6556	0.781
316	-0.276	0.06	1.09	0.45	0.4906	0		-0.1259	1.381
317	-0.6635		0.4125	0.5125	1.263	-0.6175		-1.093	0.8131
318			-0.32	0.39	0.7206	-0.39	-1.249	-1.366	0.6706
319	-0.471	-0.635	-0.035	0.285	0.8456	-0.855	0.02625	-0.4709	-0.2144
320	-0.8186	-0.9727	-0.2027	0.06734	0.138	-0.2327	-0.1614	-0.2686	-0.132
321	-0.08879	-0.5928	0.4372	0.4972	0.4778	0.8072		-0.04875	0.3578
322	0.149	0.125	-1.025	-0.755	-0.04437	-0.205	0.2963	0.08906	0.8756
323	0.4498	0.05578	-0.1942	-0.2342	-0.3636	-0.2742	0.06703	-0.2702	0.8464
324	0.974	2.24	0.59	0.32	-0.1894	0.23	-0.3087	-0.7259	0.7006

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
325	0.999	1.785	0.645	0.695	0.1256	0.335	-0.2237	-0.3409	0.7256
326	-0.1774	1.199	0.3386	0.5986	0.4592	0.2286	0.06984	0.1327	0.7392
327	1.186	-0.02781	0.1122	0.06219	0.01281	0.9122		-0.01375	0.9428
328	1.796		0.6422	0.6122	-0.07719	0.7622	-0.6366	0.05625	1.273
329	1.314	0.3	0.46	0.67	0.2406	1.02	0.09125	0.09406	1.181
330	1.916	1.022	0.9122	0.7322	0.6428	1.132	0.4834	0.1762	1.423
331	0.604	0.63	0.09	0.29	0.5506	0.27	1.161	0.8341	0.3906
332	0.01652	-0.0175	0.4925	0.2025	1.193	-0.0075	0.01375	-0.1334	0.5731
333	-0.481	-0.235	-0.215	-0.035	0.5956	-0.455	-0.1137	-0.6209	0.07563
334	-0.926	-2.98E-08	-0.31	0.04	-0.3294	0	0.1413	-0.01594	-0.1394
335	1.27	0.1561	1.506	1.516	0.1267	0.06609	0.1773	-0.3798	-0.1633
336	0.7693	0.4753	0.2353	0.1853	-0.2341	0.1053	-0.1235	-0.4907	0.6959
337	-0.1285	0.2875	0.6975	0.7475	0.8281	0.9975	1.299	0.9616	0.3981
338	0.2097	-0.1843	1.326	1.086	1.376	-0.0943	-0.623	-0.1702	-0.8337
339	-0.486	0.36	-0.34	-0.42	0.8606	1.36	0.05125	-0.6659	-0.2794
340	1.134	0.92	1.01	0.84	1.071	1.17	0.9513	0.8841	0.2806
341	0.639	0.975	0.825	0.795	1.186	1.015	1.276	0.9391	0.5256
342	0.3654	1.701	1.731	1.871		1.491	1.673	1.195	0.272
343	1.11	0.5955	1.156	1.566	1.436	0.9155	0.7868	0.6496	1.406
344	1.194	0.83	1.51	1.68	1.671	1.28	0.8813	0.9641	1.621
345	-0.3488	1.177	0.09719		0.07781	-0.1028	-0.2216		0.2578
346	-0.466	0.77	0.18	0	0.2306	-0.09	-0.09875	-0.4759	0.2006
347	1.434	-0.14	0.17	0.31	0.5306	0	-0.07875	0.6741	0.6506
348	0.4518	0.3778	0.2978	0.4078	0.07844	0.4078	-0.1609	-0.2381	-0.07156
349	-0.1685	0.6975	0.2775	0.5175	0.6681	0.6075	0.3288	0.5216	0.2881
350	-1.116	0.42	-0.26	-0.21	0.2306	0.11	0.02125	-0.1759	0.5506
351	-1.3	-0.1842	0.2158	0.3758	1.936	-0.04422	0.457	0.5398	1.066
352	-0.6025	0.6035	0.8835	0.9635	0.4141	0.9935	0.4947	-0.06244	0.9641
353		0.6	0.64	0.33	1.321	0.83	0.1413	-0.1959	1.531
354	-1.001	-0.305	0.225	0.225	0.2956	-0.275	-0.5837	-0.3909	2.156
355	0.6265	0.4525	-0.7275	-0.7475	0.07313	-0.6175	0.3938	-0.1134	0.3431
356	0.892	0.488	-0.372	-0.522	0.4086	0.128	0.8392	1.152	0.5886
357	1.051	0.09719	-0.06281	0.1572	0.5178	0.3572	0.6184	1.621	0.9378
358	1.666	0.9223	-0.03773	0.1523	1.383	0.9023	0.9335	2.336	0.3829
359	1.29	0.2364	0.07641	0.08641	1.617	0.6164	1.008	1.99	0.587
360	-0.5021	0.1339	0.2939	0.4339	0.4745	0.3939	0.8952	0.778	1.545

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
361	-0.241	0.835	0.555	0.775	-0.1444	0.705	1.256	0.8491	0.8456
362	-0.2799	0.1661	0.08609	0.3061	-0.1833	0.04609	0.5873	0.1202	0.3667
363		0.3425	0.2025	0.2325	0.07313	0.5325	0.5338	0.6066	-0.01688
364	0.1565	0.0525	0.3125	0.3925	0.1231	0.6525	0.05375	0.03656	0.003125
365	0.494	0.35	-0.37	-0.44	0.2406	-0.01	0.4013	0.2241	-0.02938
366	-0.3957	0.1603	-0.7497	-0.2097	-0.1791	0.3303	0.3816	0.3144	-0.1691
367	2.424	0.7	-2.72E-08	1.82E-08	0.2106	0.36	0.9513	0.8941	0.2606
368	-0.07746	0.08852	-0.3115	-0.001484	-0.3009	-0.2115	-0.04023	-0.2274	0.3991
369	0.204	-0.09	0.65	0.88	0.2706	-0.44	0.6013	1.834	2.471
370	-0.8041		0.2519	0.3019		-0.3881	1.213	1.586	2.692
371	0.474	-0.08	0.13	0		0.26	0.3112	-0.04594	0.4906
372	0.99	0.5259	0.5359	0.6059	1.037	0.7059	0.5772	0.48	0.9366
373	1.194	1.23	-0.13	-0.49	0.1906	0.46	0.9413	0.5541	0.8406
374	0.2354	0.8314	0.9914	1.121	1.152	1.771	0.6327	0.2755	-0.308
375	0.3362	0.8322	0.8122	0.7022	1.343	2.072	1.563	1.276	0.2428
376	0.8884	0.6744	0.5244	0.8144	1.545	0.4944	1.096	1.658	-0.005
377		0.32			1.091	-0.32	0.6513	0.03406	0.3206
378	1.294	0.45	1.04	0.99	1.201	0.4	1.161	1.344	-0.6394
379	-0.2988	0.3172	0.7972	0.8672	0.7078	0.7272	0.4784	0.2913	-0.02219
380	0.69	0.2459	0.6159	0.6559	0.3166	0.08594	0.2572	0.25	-0.1934
381	-0.5135	1.392	0.5425	0.5225	0.9431	0.9125	1.124	0.4766	0.6531
382	-0.6572	-0.00125	-0.2913	-0.2312	-0.000625	0.2687	0.82	-0.1072	-0.5306
383		-0.2707	0.01926	-0.1507	0.1899	-0.03074	0.1105		0.009883
384	0.8897	-0.3143	0.005703	0.1957	0.2263	0.4557	-0.443	-0.3302	0.6263
385	0.9765	-0.0675	0.1825	0.2025	-0.03687	0.5625	-0.6062	-0.1834	0.9131
386	0.894	-0.17	1.67	1.58	0.3906	0.63	0.00125	0.2741	0.4206
387	-0.007227	0.2087	0.2287	0.2688	-0.03062	0.4188	-0.57	-0.1972	-1.041
388	0.464	0.07	0.91	1.06	0.3106	0.76	-0.03875	-0.4359	0.08062
389	-0.2898		-0.2538	-0.2738	-0.1532	-0.2538	0.2274	-0.07977	0.7068
390	0.8397	0.1357	0.1257	0.0157	0.5363	-0.4443	-0.423	-0.05023	-0.4137
391	-0.1029	0.5731	0.7231	0.7031	0.2138	0.8631	0.09438	0.6172	0.5237
392	-0.1988	0.7972	1.047	1.407	0.4878	1.557	0.8884	-0.1688	-0.8422
393	-0.5776	0.5384	1.188	1.108	1.039	0.8984	0.3096	0.2324	-0.211
394	-0.1988	0.1272	0.7372	0.6272	0.1978	0.4072	0.07844	-0.3088	0.8678
395	0.5329	0.4489	0.6089	0.9289	0.1595	0.4989	0.2702	0.423	1.29
396	-1.11	0.1964			0.607	0.8264	-0.08234	-0.7095	-0.783

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
397	-0.1793	-0.1133	0.4567	0.5867	0.6473	-0.02328	-0.03203	0.0007812	-1.233
398	-1.966	0	-0.02	-0.11		0.58	-0.1287	0.3441	-0.01937
399	0.09621	-0.2478	1.352	1.042	1.233	0.1222	-0.02656	0.3462	-0.4472
400	1.294	0.15	0.09	-0.22	0.6406	0.31	0.4013	0.9741	-0.9794
401	-2.396	0.01	-0.2	-0.42	0.6306	-0.25	0.7613	-0.4059	-0.1094
402		-0.7837	-0.1537	-0.6137	0.8369	-0.3737	0.2175	0.6303	-0.8231
403	0.684	-0.7	-0.32	-0.27	0.03063	-0.58	0.3113	0.2541	0.6106
404	0.9915	-0.8525	-0.7825	-0.6825	-0.6819	-0.7625	0.4588	0.6116	1.418
405	-0.4235	1.203	1.243	1.243	0.7231	1.283	0.9338	0.6466	0.6331
406	0.3521	0.368	0.228	0.258	0.5987	-0.08197		0.4421	1.089
407	0.484	1.02	0.73	0.71	0.6706		-0.2887	0.05406	1.171
408	2.87	-0.003906	-0.09391	0.05609	0.5467	0.3961		0.3702	-0.4533
409	0.02402	-0.02	0.03	-0.05	-0.01937	0.26	-0.1487	-0.2059	-0.7494
410	1.045	-0.1788	-0.2388	-0.2987	0.3419	0.1213	0.2925	0.2153	-0.2081
411	-0.236	0.18	0.85	0.8	0.9206	0.32	2.161	1.164	3.391
412	0.02684	0.4628	1.013	0.9428	-0.02656	0.5128	0.5841	0.3269	-0.9766
413	1.925	0.6013	1.311	1.001	-0.2581	0.3113	0.1225	-0.1746	
414	0.8345	-0.1395	-0.07949	-0.1695	0.01113	-0.3695	0.2918	0.4346	0.09113
415	1.644	0.27	0.26	0.38	0.5006	1.23	-0.2487	-0.5059	-0.4394
416	1.297	0.2234	0.6634	0.6634	0.894	0.4234	0.3446	-0.01254	-0.426
417	0.9302	0.1361	1.006	0.9761	0.5268	1.056	0.1274	0.1502	0.3468
418	0.874	0.04	1.27	1.72	0.5806	0.19	0.2513	-0.04594	2.491
419	-0.1297	-0.5438	0.1362	-0.01375	0.1469	0.2362	-0.4225	-0.1897	0.2169
420	0.994	0	-0.35	-0.45	0.5206	1.06	0.08125	0.2941	1.141
421	0.504	-0.21	-0.08	-0.04	0.8806	0.02	-0.00875	-0.2559	-0.2094
422			0.7687	0.5888	0.6694	-0.8712	-0.24	-0.1572	0.3994
423	3.634	0.53	0.12	0.95	0.06063	-6.93E-09	0.1113	1.104	2.201
424	2.034	0	0.8	0.58	1.031	0.1	0.7213	0.5541	-0.04937
425	2.734	-0.16	1	0.73	0.6106	0.35	-0.2487	0.09406	-0.2794
426	3.311	0.2273	1.237	2.027	1.678	0.1673	-0.1815	-1.459	0.03789
427	2.893	0.7387	1.309	1.339	1.039	1.359	0.12	1.023	1.149
428	3.443	0.6787	1.599	1.809	2.019	1.749	0	0.4728	2.129
429	3.139	0.165	1.235	1.435	1.946	1.285	-0.2637	0.4091	1.796
430	2.907	0.5825	1.032	1.003	1.613	1.642	0.3638	0.4166	0.7131
431	2.305	0.3606	1.161	1.041	0.7613	1.201		0.5247	0.6512
432	2.699		0.915	0.915	1.286	1.235		0.7291	0.6656

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
433	3.802	2.007	2.907	2.608	0.8681	2.637		1.232	-0.2719
434	-0.3043	-0.05836	0.8716	0.7316	1.172	-0.02836	0.5029	0.5657	1.122
435	1.55	0.2456	-0.5444	-0.5944	0.6663	0.4456	0.6369	0.5597	1.596
436	1.77	0.1459	-0.3841	-0.4341	0.4866	0.04594	0.2772	0.88	2.127
437	1.554		-0.55		0.6706	0	-0.05875	0.7241	2.161
438	3.052	0.3379	0.5579	0.6779	0.3385	1.108	0.2591	-0.3181	-0.4515
439	2.846	0.6623	1.522	1.542	1.353	1.412	0.6435	0.8363	-0.5471
440	0.314	0.51	0.4	0.26	-0.1494	0.38	0.3013	0.2741	0.3706
441	0.02402	0.02	0.33	-0.02	0.4406	0.06	0.2513	-0.2459	-0.1594
442	1.319	-0.135	1.155	0.675	0.9956	0.825	0.5163	0.7091	0.2856
443	1.989	-0.3155	0.5445	1.305	0.1052	0.4645	0.6558	1.619	1.385
444	-0.326	-0.02	0.84	0.76	0.3206	-0.07	-0.4287	-0.4359	-0.2594
445	0.649	0.375	0.015	0.315	0.04562	0.035	0.4962	-0.03094	1.596
446	2.689	-1.285	0.8948	0.5648	0.7754	-0.1852	-2.034	-0.9211	-1.025
447	1.147	0.1325	0.4125	0.4725	0.5431	0.7725	-0.1862	0.5466	0.4031
448	1.392	-0.1716	0.4284	0.3784	0.969	-0.1716	-0.4904	0.01242	-0.351
449	0.2933	-0.3807	-0.1107	-0.0707	1.09	-0.3407	-0.5995	-0.4066	-0.8701
450	0.7171	0.7031	2.923	3.073	-1.936	1.833	1.604	2.507	-0.2463
451	-0.05848	-0.1825	1.977	2.088	1.088	-0.4725	-0.9812	-0.6184	-0.7219
452	0.2497		2.386	2.476	1.446	0.0257	-0.433	-0.4402	-0.2137
453	2.454	-0.62	1.41	1.53	2.001	-0.35	1.961	1.014	0.1506
454	1.599	0.8548	0.5548	0.6348	-0.3346	0.9248		1.109	-0.07457
455	0.2428	-0.4813	0.01875	-0.3212	0.6994	-0.02125	0.16	0.6328	-0.6006
456	2.062	-0.09203	-0.002031	-0.312	0.3686	0.258	-0.1908	0.982	1.139
457	-0.2629		-0.3869	-0.2369	-0.1762	-0.5269	-0.3756	-0.6528	-0.3463
458	-0.341	0.145	-0.175	-0.705	-0.2644	0.175	0.7963	0.7891	0.6356
459	-0.07598	-0.09	-0.19	-0.23	0.2006	-0.01	0.2313	-0.2659	-0.9494
460	-0.8424	-0.6464	-0.02641	0.1436	-0.3658	-0.5664	-1.215	-0.8323	1.244
461	0.464	0.67	0.08	0.13	0.1106	0.43	-0.6087	-0.005938	0.4306
462	-0.541	0.015	0.465	0.415	0.3456	-0.205	-0.9137	-0.5609	0.1756
463	0.8662	-0.3478	-0.3878	-0.4578		0.4322	0.09344	-0.4238	-0.4972
464	0.784	0.29	0.09	-0.23	-0.1594	0.05	0.2113	0.1741	0.04062
465	-0.1906	0.2054	0.08539	0.3654	0.446	-0.1346		-0.6205	-0.494
466		0.4539	1.024	0.5039	0.5345	0.8839	0.02516	0.758	-1.185
467	0.724	0.14	-0.26	-0.65	-0.3394	-0.23	0.1613	0.2441	0.2006
468		-0.07148	0.6685	-0.1115		0.03852	0.4498	0.4626	1.509

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
469		0.335	0.435	-0.015	-0.08437	-0.385			1.166
470		-0.4688	0.4712	0.2113	0.6319	-0.3287	0.5925	0.6153	1.102
471	-0.4998	0.5461	-0.06387	0.1461	0.5168	-0.3939		0.2902	0.5468
472	0.284	0.18	0.14	-0.07	0.8406	0	0.3813	0.02406	1.461
473	2.094	0.18	0.35	0.75	0.2506	0.71	0.2113	0.4041	1.411
474	-0.1504	0.2655	-0.1645	0.1755	0.6862	-0.5545		-0.4204	1.056
475	1.004	0.3702	-0.3198	-0.1298	-0.7191	0.8402	-0.08852	-0.2657	-0.5091
476	2.775	-0.01875	-0.8288	-0.8087	0.1219	-0.9287	-1.307	-1.445	-0.5481
477	-0.8212	0.5248	0.9448	0.9348	0.7354	0.5748	1.136	1.379	0.1754
478	-0.5208	0.1752	0.2852	0.2652	0.07578	-0.06484	0.07641	0.4792	-0.7242
479	0.2018	0.2078	0.1878	0.2178	-0.001562	0.6278	1.339	0.6819	-0.3916
480	0.007617	-0.01641	-0.2064	-0.006406	-0.4458	-0.4464	0.2648	-0.6723	0.4542
481	0.2133	-0.4007	-0.3307	-0.3707	-0.4101	0.009297	-0.3995	-0.7066	-0.2601
482	-0.576	3.43E-09	0.38	0.21	0.3206	0.21	-0.07875	-0.2759	-1.089
483	-0.07191	0.06406	0.8641	0.9241	-0.1253	0.4541	-0.08469	-0.3219	-0.4553
484	-1.156	-0.59	0.11	0	0.1106	0.25	-0.3888	-0.4259	-0.8094
485	-0.716	0.2	0.01	0.16	-0.1694	0.04	-0.2987	0.4441	-0.9294
486	-0.918	0.228	0.398	0.348	0.9986	0.348	0.3492	0.002031	-0.3414
487	0.05988	0.4259	0.1759	0.09586	-0.1335	0.5259	-0.7129	-0.7901	-0.3635
488	-1.107	-1.061	-0.3813	-0.3612	-0.8106	-0.7212	0.2	-0.7772	0.7394
489	-1.08	-0.9542	-0.3542	-0.1642	-0.5836	-0.6142	-0.143	-0.4802	0.8564
490	0.394	-0.19	-0.42	-0.18	-0.6094	-0.46	-0.4087	-0.4459	0.9406
491	-0.6121	-0.2561	-0.3461	-0.4461	-0.9955	-0.6261	0.6052	0.668	0.3645
492	-0.03535	-0.08938	-0.1694	-0.2294	-1.359	-0.3894	-0.02812	-0.5853	0.2812
493	0.163	-0.1211	0.6489	0.6689	-0.1504	0.1689	0.1902	-0.237	-0.7104
494	0.6112	0.01719	-0.2728	-0.2128	-0.1122	0.1572	-0.4516	-0.03875	0.7778
495	-1.071	0.1251	0.9851	0.7751	0.2657	0.1851	0.01637	0.2492	0.3357
496	-1.038	-0.3022	0.08781	-0.4822	0.3284	-0.4722	0.1691	-0.05813	0.03844
497	-0.856	0.11	0.41	0.49	0.05063	-0.13	0.2413	0.2141	0.03062
498	-1.007	-0.6614	0.1086	0.2086	-0.5808	-0.001406	0.2898	0.02266	-0.3608
499	0.424	-0.34	0.02	0.1	0.3806	-0.06	-0.06875	-0.1259	-1.069
500	1.22	0.1563	2.166	2.036	0.8969	-0.1937	0.1775	-0.3497	-0.5531
501	1.077	-0.1569	-0.1269	0.2131	0.1238	0.2631	-0.4856	-0.9628	-0.6963
502	0.904	0.59	0.58	0.75	0.5606	1.11	0.6913	1.194	1.011
503	0.939		0.685	0.805	0.8456	0.975	0.4063	0.6791	2.806
504	0.9188	0.4248	0.0648	-0.005195	-0.1146	0.4848	0.4261	-0.2211	-0.7346

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
505	0.464	-0.33	-0.23	-0.07	-0.1494	0.24	-0.3587	-0.2559	0.9306
506	1.689		1.105	1.225	0.5356	0.295	0.8262	0.4391	0.1756
507	0.3651	-0.2089	-0.1689	-0.3089	0.01172	-0.4789	0.4823	0.3652	2.592
508	-0.356	0.77	0.36	0	0.2206	-0.33	0.00125	0.2041	2.251
509	0.994	-0.56	-0.54	-0.28	-0.8094	-0.45	0.00125	-0.01594	1.041
510		-0.13	0.64	0.37	0.1406	0.16	1.311	0.6141	1.341
511	0.764	-0.35	0.02	0.28	-0.4594	0.09	0.6613	0.5941	2.141
512	0.829	0.845	0.725	0.925	-0.04437	0.735	0.6163	0.6091	-0.06437
513	0.7723	0.5383	0.8083	0.8783		1.078	0.8095	0.7023	0.09891
514	0.699	1.585	0.185	0.345	0.5156	-0.515		-0.7309	0.8256
515	-0.7104	0.03562	1.566	1.366	0.5763	-0.1544	0.5169	-0.0003125	0.3462
516	1.442	0.09781	-0.4622	-0.5122	0.7384	0.04781	0.3391	-0.1681	0.6284
517	1.131	-0.9827	0.9373	0.7973	0.358	0.06734	-0.001406	-0.03859	0.508
518	-0.4004	-0.004375	0.1956	0.2456	-0.2837	0.2056	0.7069	-0.1303	2.116
519	-0.9388	-0.3328	0.3772	0.3272	0.03781	-0.6628	0.6984	-0.01875	1.548
520	-0.386	-0.81	-0.19	0.2	-0.01937	-0.31	0.08125	0.7241	1.621
521	-0.4014	0.3745	-0.02547	-0.07547	0.4252	-0.3055	0.5758	0.2086	1.725
522	0.657	-0.137	0.633	0.543	0.8336	0.743	0.2042	-0.493	1.714
523	0.3352	-0.6089	0.6811	0.7211	-0.2882	-0.02887	-0.1176	-0.6748	1.112
524	0.269		-0.265	-0.465	0.03563	0.405		0.3891	-0.6544
525	0.164	-0.69	-0.34	-0.01	-0.3194	0.25	0.3113	0.3841	-0.2194
526	-0.3504	-0.09438	0.8856	0.8656	-0.01375	0.5956	0.2069	0.2097	-0.2638
527	-0.8396	0.1364	1.446	1.676	-0.01297	1.136	-0.1323	0.01047	-0.563
528	-0.02973	0.6762	0.01625	0.1163	1.767	0.3963	-0.2225	0.2003	-0.1431
529	1.404	-0.33	0.11	-0.1	0.6406	0.84	0.9013	0.7441	-0.2494
530	-0.8094	-0.1734	-0.03344		0.1872	-0.09344	-0.002187	0.03062	-0.2228
531	1.072	-0.6622	-0.01219	-0.2122	0.4584	-0.8322	-0.6409	0.3119	-1.032
532	0.08402	-0.33	0.26	0.22	0.1606	0	-0.1087	-0.1659	-0.2894
533	1.46	1.296	0.7259	0.9359	-0.9035	0.6459	-0.1729	-0.5901	2.746
534	-0.1049		0.1811	-0.1689	-1.778	-0.4389			1.142
535	-1.072	0.1241	0.03406	-0.01594		-1.266	-0.5247	1.118	0.01469
536	-1.774	1.842	0.0824	0.4324	0.503	-1.938		1.916	-2.417
537	-0.8429	0.9731	-0.04688	0.2931	0.1938	-1.877	-1.036	1.157	-0.7063
538	-2.505	1.571	0.6413	0.8113	0.01195	-1.459	-0.1374	0.2054	-0.688
539		0.4541	-0.09586	0.3041	0.7948	-0.6359	0.05539	0.4582	0.7348
540	0.4223	0.4383	0.3483	0.3483	-0.03109	0.5483	0.7895	1.222	-0.06109

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
541	0.724	1.18	0.65	0.55	-0.1394	-0.91	0.2513	-0.6159	-0.4294
542	-0.4366	0.8094	-0.3906	-0.4906	0.17	-0.4206	-0.5294	-0.5866	0
543	0.05402	-0.55	-0.5		0.5706	-1.36	-0.1387	-0.2459	-0.8394
544	-1.449	-1.053	0.03719	-0.1228	1.348	-2.103	1.228	2.841	-0.3422
545	-0.986	-1.57	1.4	1.22	1.411	-2.54	1.071	2.354	-0.7794
546	-0.646	0.52	-0.7	-0.81	0.09063	-1.01	0.8213	1.404	0.3206
547	1.911	0.5972	-1.333		-0.3122	-0.4728	0.8284	-0.1188	-0.06219
548	-1.166	-0.5998	0.8602	0.6702	1.171	-1.68	-0.5885	-0.3457	-0.1692
549	0.8318	-0.3422	0.02781	0.06781	0.3084	0.5678	-0.3409	0.6819	0.6884
550	0.794	0.29	-0.18	0.12	-0.4794	0	1.421	1.374	0.4906
551	-0.561	-0.305	-0.005	-0.275	-0.02437	-0.005	1.016	1.639	-0.3744
552	1.551	0.4272	0.08719	-0.2028	-1.712	0.8472	-1.342	-0.2588	-1.212
553	-0.376	0.49	-6.43E-09	-0.21	0.7806	0.95	0.8413	0.05406	-0.01938
554	-0.2749	-0.6689	-0.3689	-0.1289	-0.4983	0.2611	0.2223	0.5652	-0.3783
555	-0.686	-0.05			-0.2294	1	1.101	1.694	-1.639
556	-1.601	-0.795	-0.835	-0.635	-0.5944	0.005	0.4363	0.2291	-0.5544
557	0.989	0.385	-0.275	0.015	-0.1644	0.065	0.6763	0.6791	0.8056
558		-0.27	-6.43E-09	-0.15	0.3106	0.33	0.4413	-0.3059	0.05062
559	-0.4538	0.06215	-0.5179	-0.9579	0.3928	-0.4779	-0.3066	-0.07379	0.5928
560	-1.095	-0.4594	0.5706	0.6406	1.061	-0.7994	0.8519	-0.1353	0.4013
561		-0.5	0.61	0.66	0.9006	-0.09		1.324	0.6306
562			-0.32	-0.17	0.2906	0.07	-0.1887	0.07406	0.3606
563		0.3403	1.05	0.8603	-0.09906	0.6603	2.092	0.04437	0.7009
564	-1.244		0.3523	0.4023		0.4223	0.5635	-1.354	0.6029
565	-0.3466	-0.7106	0.4894	0.7594	0.47	-0.5106	0.6306	0.3434	0.3
566	1.035	-0.04891	1.341	1.341	-0.4583	0.5411		0.7652	0.8517
567		0.3687	0.01875	0.06875	0.9594	0.00875	0.47	0.03281	0.1894
568	0.4112	-0.1328	-0.1728	0.09719	0.7578	-0.5328	0.08844	-0.3688	0.7078
569	-1.434	0.7916	0.6416	1.022	1.142	0.2816	0.4728	-0.02438	0.2522
570	-1.153	0.1931	0.08312	-0.1069	-1.016	-0.3369		0.1072	0.1737
571	-0.9257	-0.01969	-0.05969	-0.1797	-0.4491	-0.2097	0.02156	0.01437	0.1509
572	-0.4499	-0.5839	0.3261	-0.3239	0.4467	-0.003906	0.3873	-0.3898	0.4467
573	-1.533	-0.7266	0.3034	0.4334	0.844	0.0334	0.2746	-0.4725	0.554
574	-1.088	-0.02207	-0.1821	-0.2921	0.06855	0.3579	0.09918	0.232	0.08855
575		1.356	0.4562	0.6063	1.357	-1.424		-0.5397	0.4769
576	-2.385	0.6008	0.3808	0.6508	-0.2886	0.2308	0.502	0.02482	0.4614

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
577	-0.786	-5.36E-09	0.76	0.55	0.3806	1.6	0.3013	0.7641	0.9006
578	-1.899	0.05695	0.697	0.917	1.258			1.161	-0.05242
579		0.4761	0.006094	0.2761	-0.01328	-0.1639	-0.1127	0.2902	-0.2533
580	-0.526	-0.38	-0.47	0.28	0.1206	-0.01	0.2413	-0.3859	0.2806
581	-0.5488	0.4672	1.307	1.167	-0.4922	0.8772	1.328	0.4812	0.4378
582		-0.4144	0.2456	0.9856	-0.1537	0.07563		0.009687	1.036
583	0.984	0.11	0.38	0.63	0.2406	1.5	1.131	0.7741	1.101
584	0.214	-0.81	-0.19	-0.02	1.881	3.12	0.02125		0.4006
585			-0.1794	-0.8094	-0.3387	-0.02937	0.3319	-0.8053	0.4112
586	-0.8729	0.2331	0.3631	0.5731	0.3738	0.2331	0.3144	0.3572	0.02375
587		0	-0.37	-0.4	-0.07937	-0.7	1.711	2.274	-0.1594
588	0.9721	0.1081	0.7381	0.4981	-0.03125	-0.1419	-1.341	-1.138	0.5187
589	-0.5827	0.3432	1.073	0.9932	0.8839	0.9032	1.224	-0.5727	0.2639
590	-0.4404	0.05562	0.4956	0.4256	0.9463	2.156	1.117	0.5197	-0.04375
591	0.0698	-0.3942	0.3358	0.5358	-0.3536	0.9058	0.237	0.7498	1.216
592	-0.5709		1.415	1.745	1.226	-0.6249	-0.9037	-0.3609	-0.0943
593	-1.051	0.4648	-0.5152	-0.1052		1.365	-0.7539	-1.211	-3.785
594		0.2502	0.7002	-0.07977	-0.2091	0.02023	-0.5085	0.2843	0.5109
595	-2.237	2.359	0.2694	-0.000625	-3.06E-09	-0.1506	0.1606	0.5934	1.2
596	0.01527	0.5312	-0.3888	-0.4887		-0.3187		0.07531	0.4419
597	-0.836	0.02			1.271	0.12	0.1913	0.3441	1.051
598	1.039	0.525	0.265	0.205	0.3556	0.505	-0.05375	-0.2209	-1.014
599	-1.286	-0.19	-0.23	-0.32	-0.2494	-0.3	2.101	2.144	0.7706
600	-0.496	1.75	0.02	0.15	-0.5394	0.7	0.3113	-0.1259	0.5506
601	-0.3137	0.9523	1.772	1.642	0.4929	2.062	0.9235	0.6063	-0.2371
602	-1.37	0.8755	0.9455	0.8955	0.3862	1.556	-0.2132	-0.2604	-0.6138
603		0.515	0.645	0.485	-0.4744	1.615	2.206	1.819	-0.5144
604	-0.546	0.57	0.44	0.5	0.9006	1.46	0.4913	0.9241	-0.7994
605	-1.646	0.29	0.45	0.12	0.3406	0	0.1713	-1.076	-0.9094
606	-0.8002	0.1358	0.4758	0.3558	-0.4136	0.07582	-0.7429	-1.03	-0.6736
607	-0.7585	0.2675	0.1175		-0.7119	1.158	0.3388	0.7016	-0.7819
608	-1.179	0.5267	0.3167	0.4167	-0.2727	1.707	-0.102	0.0007812	-0.7027
609	-1.971	0.8345	0.4845	0.6445	0.01516	2.195	-0.01422	-0.1514	-0.6448
610	-1.63	1.386	0.4956	0.7956	-0.6937	2.056	0.06688	0.2397	-0.8438
611	-1.617	0.6487	0.5287	0.5388	-0.6806	1.659	0	0.09281	-0.9806
612	-0.4795	1.786	2.456	2.306	0.5871	2.976	1.518	1.691	-1.393

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
613	0.001211	2.087	2.527	2.417	1.108	3.327	1.878	1.861	-1.212
614	-0.06309	2.063	2.513	2.593	1.154	3.713	1.564	2.197	-0.9765
615	-1.125		0.04109	-0.06891	0.3017	0.6011	0.09234	0.2852	-1.828
616	-1.226	1.1	-0.3496	-0.04965	0.821	0.9604	-0.1284	0.8044	-0.569
617	-0.7166	0.7094	-0.1106	0.009375	-0.21	0.6694	-0.009375	0.5034	-0.27
618	-0.716	1.02	0.45	0	-0.1394	0.73	0.3312	0.3941	-0.5694
619	1.224		-0.21	-0.67	-0.4194	0.55	0.3313	0.07406	-0.4494
620	1.015	-0.4388	-0.6588		0.8319	1.781	-0.2275	0.6553	0.7319
621	0.849	-0.265	0.385	0.735	-0.3244	0.225	-0.4637	0.09906	-0.2844
622	0.4999	0.005859	0.3059	0.4459	0.4465	1.496	0.5971	-0.06008	-0.6635
623	2.316	-0.4278	-0.6278	-0.2478	-1.457	0.6822	-0.3566	0.3763	-1.397
624	1.073	0.6787	-0.7113	-0.1212	0.3894	-0.2613	0.04	0.08281	-0.6106
625	1.16	-0.2142	0.4758	-0.3542	0.2064	1.256	-1.303	0.1299	0.006445
626	1.119	-0.005	1.345	1.325	1.076	1.435		1.099	-0.7344
627	1.004		-0.44	-0.73	0.2206	0.18	-0.5487	-0.7359	-0.2194
628	0.584	0.13	0.26	0.33	0.8106	0.83	-0.1087	-0.1459	-0.8394
629	2.752	0.5375	1.158	0.7475	0.3781	1.478	-0.4412	0.5316	-0.4219
630	0.9264	0.2723	0.06234	0.3423		-0.01766	0.07359	-0.1036	0.533
631	1.337	0.1231	0.01312	-0.1069	-0.2262	0.1531	-0.04562	-0.1128	-0.8063
632	-0.4297	-1.114	-0.1738	0.2263	0.1669	0.6363	0.1875	1.4	0.3569
633	3.854	-0.2299	0.5601	0.1801		-0.4199	0.1713	2.214	
634		0.1	0.14	-0.08	0.2806	0.24	0.8613	0.5741	1.121
635	1.721	-0.02262	0.1674	-0.04262	0.458	0.02738	-0.1314	0.5514	0.828
636	1.545	0.7411	0.8811	1.161	0.9317	0.9211	1.072	0.4452	-0.2683
637	0.464	0		0.8	-0.4794	1.02	0.07125	0.8141	1.231
638	-0.1032	0.9228	0.2128	0.4828	0.6534	1.253	1.024	0.9569	3.003
639	0.2103	-0.5938			0.7569	0.2563	0.7075	1.19	3.227
640	1.857	0.3831	0.4931	0.9531	-0.09625	0.4831	0.2444	0.7972	0.6837
641		-0.9207	0.1593	0.5493	0.06992	-0.1907	-0.8995	0.5934	0.3299
642		-0.72	0.23	0	-0.1894	-0.43	-0.02875	0.3941	0.2706
643	-0.04723		0.2987	-0.03125	0.6494	0.3487	0.21	0.04281	-0.7506
644	-0.0466	-0.000625	-0.4906	0.2994	0.06	0.3194	0.8406	0.8934	0
645	0.1426	-0.7414	0.03859	-0.4514	-0.05078	1.029	0.06984	0.4327	-0.5508
646	1.343	-0.02125	1.259	1.429	0.1194	0.9388	1.01	0.6628	1.049
647	0.5692	-0.8848	0.4252	0.5652	1.806	-0.9848	3.046	2.879	0.1258
648	0.714	-0.34	-0.01	0.1	0.9106	-0.58	1.871	2.184	0.2106

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
649	0.184	-0.56	0.23	-0.05	1.181	0.08	1.691	1.824	-1.069
650	1.43	-0.06387	-0.4939	-0.08387			1.397		-0.3732
651	0.1165	1.343	1.173	0.9925	-0.2969	1.463	0.3838	0.2166	0.07313
652	0.2398	0.9658	0.8858	0.5558	0.2564	1.316	0.167	0.07982	0.2664
653	0.4929	0.2289	0.8289	0.4389	1.08	0.4989	0.9802	0.893	-0.6005
654	1.864	1.61	1.81	1.91	2.06	2.9	1.471	2.244	0.04031
655	0.474	0.91	0.54	0.45	1.381	0.8	1.291	1.394	-0.4294
656	1.267	0.7331	0.7331	0.6731	0.9238	2.763	0.9944	2.297	0.08375
657	0.389	-0.065	0.595	0.705	0.7156	1.125	0.8862	0.9291	0.5456
658	0.9653	1.081	1.001	0.5313	0.5419	1.001	0.1325	-0.5247	-0.3981
659	0.4976	0.5636	2.214	1.964	1.164	1.334	0.5948	0.5577	-0.3358
660	1.757	0.5825	2.812	2.672	1.513	1.192	0.6437	1.117	0.2531
661	1.587	1.353	2.943	2.623	2.064	0.1334	0.6947	1.498	0.01406
662	0.1103	0.8562	2.136	1.906	0.7569	0.8262	-0.1925	0.3703	0.5069
663	0.9087	0.8647	2.745	2.455	1.645	0.9647	1.536	1.699	0.005313
664	1.082	0.6475	2.558	2.898		1.308	1.279	2.162	0.2281
665	-0.5029	0.553	1.213	1.033	1.824	1.173	1.474	0.02711	-0.02633
666	0.574	0.41	1.57	1.44	1.641	1.18	0.9113	0.7441	0.2106
667	2.084	0.51	1.99	2.13	3.611	2.87	2.321	2.094	0.2106
668	0.3615	-0.2725	0.1175	0.3675	1.558	-0.2525	1.159	2.072	-0.6319
669	0.697	0.5429	0.3829	0.4729	1.134	0.7529		1.467	-0.3964
670	1.444	0.37	2.86	3.05	2.821	-7.15E-09	2.471	2.764	-0.2994
671	1.219	-0.2055	1.145	1.025	2.365	-0.3355	2.466	3.009	0.2752
672	0.2563	-0.3277	1.812	2.042	2.583	0.2623	2.664	2.706	0.5929
673	1.735	0.4911	0.3311	0.4511	1.252	0.4811	1.232	1.455	0.7717
674	2.054	1.33	1.58	1.39	1.421	0.56	2.671	2.784	-0.6794
675	1.852	1.038	0.4878	0.4078	1.338	1.418	0.8891	2.192	0.1384
676	1.834	1.84	0.6	0.39	1.171	1.56	0.3113	1.244	0.7606
677	1.428	0.8537	0.08375	-0.09625	1.034	1.384	0.785	1.028	1.304
678	1.194	2.14	2.05	1.7	1.741	2.64	1.211	1.664	-1.429
679	-0.236	0.96	1.59	1.77	1.571	0.57	1.611	1.404	-0.2394
680	0.679	0.695	0.715	0.795	0.7156	0.945	0.7463	1.149	0.06563
681	1.862	0.1078	0.4878	0.5078	-0.4716	0.7278	0.6391	0.6719	0.4284
682	0.7601	-1.044	0.9661	1.086	0.8267	-0.5039	-0.8027	-0.1698	-1.073
683	0.08629	-0.7177	-0.1777	-0.1077	2.403	-1.588	-0.3165	0.2163	-0.2271
684	2.114	-0.09	1.96	2.08	1.981	0.33	0.4413	1.234	-0.1994

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
685	1.143	-0.1813	0.9087	1.369	1.549	-0.3413	0	0.1528	-0.8206
686	1.113		0.9487	1.119	2.789	-1.051	0	0.7328	-1.481
687	0.844	0.31	1.08	1.26	2.111	-0.54	0.04125	0.2241	-0.6994
688	1.544	-0.44	0.51	0.57	1.571	0	-0.4187	0.3241	-0.4094
689	-0.01879	-0.3828	0.1072	0.09719	1.348	-0.3128	-0.2116	0.09125	-1.042
690	-0.08012	-0.1241	-0.4341	-0.2441	1.466	-0.2141	-0.3329	-0.1001	-1.114
691		0.2687	-0.6913	-0.6512	1.199	1.069	0	1.523	-0.9806
692	0.5843	0.3803	0.8303	0.9703	0.9109	0.5003	0.2516	1.284	-0.08906
693	1.266	0.8723	0.4323	0.7423	0.7429	1.712	0.8735	0.7963	1.253
694	0.35	0.6759	-0.1641	0.08594	0.4166	0.6559	0.9872	2.07	0.8766
695	2.57		0.3462	0.8163	0.006875	0.6663	0.3575	1.01	-0.01313
696	3.123	0.6487	0.9787	1.049	-0.5806	1.439	-0.23	0.8528	0.5694
697	1.896	0.7522	1.342	1.452	0.8728	0.9822	1.233	1.006	0.9028
698	3.707	1.153	1.043	1.483	0.08367	2.683	0.4943	0.007109	0.8937
699	1.074	0.27	0.19	0.41	0.8706	1.48	0.1013	0.9141	1.061
700	3.541	0.006562	1.037	1.187	0.1672	1.367	-0.07219	0.9906	-0.05281
701	2.928	0.6236	1.054	1.074	1.084	0.4636	0.3648	0.3377	-0.3058
702	3.005	2.181	3.121	3.021	1.182	4.441	2.012	2.645	2.592
703	3.005	2.131	2.921	3.361	1.592	4.351	1.963	2.855	2.582
704	1.339	1.315	1.575	1.585	0.5956	1.675	1.526	1.389	-0.3144
705	1.18	0.4861	0.5361	0.2761	1.237	1.686	1.187	0.8602	-0.7233
706	1.224		1.52	2.04	0.8509		1.242	1.204	1.521
707	1.526	0.8023	1.412	1.312	-0.2271	-0.06773	0.9235	0.7463	0.5829
708	0.809	0.375	0.375	0.345	0.6056	1.135	1.156	0.9791	2.216
709	-1.24	0.03594	0.05594	0.04594	0.8466	3.416	0.8372	1.07	-0.6234
710	1.162	1.428	1.648	1.398	1.218	2.098	2.399	2.822	2.468
711	0.5397	1.136	1.826	1.956	1.166	2.376	2.697	3.28	2.966
712	0.2702	1.296	1.686	1.526	1.297	2.166	2.447	2.92	2.877
713	-1	1.026	0.8555	0.9655	1.596	2.076	1.997	2.11	0.2762
714	-0.9879	1.308	0.9681	0.9881	1.799	2.238	2.409	2.292	0.03875
715		0.56	1.23	1.17	0.9906	1.75	1.731	0.7941	0.2206
716	0.2412	0.4871	0.2671	0.4071	0.4278	0.4671	0.6084	-0.06879	0.5678
717	-0.1922	1.174	0.9437	1.074	1.864	1.664	0.855	0.3578	0.6144
718	0.4028	0.2387	1.149	0.7688	1.259	1.349	0.31	0.5728	0.02937
719	0.119	0.665	1.035	1.045	-0.004375	1.385	1.296	0.7691	-0.004375
720		1.16	0.83	0.52	1.251	0.9	-0.2287	0.07406	-0.3394

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
721	1.389	1.655	1.865	1.825	0.7856	2.655	1.676	2.219	-1.124
722	0.1937		2.1	2.14	0.8503	0.7897	-0.08906	-0.8063	0.1803
723	-0.02598	1.52	0.01	0.37	-0.1294	0.78	0.5713	0.2441	0.5606
724		1.379	-0.2206	-0.2006	0.26	-0.03062	0.1706	0.7034	0
725	-0.536	0.57	0.4	-0.22	0.2806	0.33	0.9413	0.4441	0.9306
726	-0.4133	1.593	1.143	0.9327	0.7633	0.9227	0.9939	2.027	1.263
727		0.6875	0.9475	1.238	0.5381	0.5475	1.559	1.592	1.248
728		0.4057	0.0657	0.9057	0.6963	0.1757	0.687	1.21	0.2463
729	1.507	0.4528	0.1628	0.4528	1.133	0.9428	0.7041	0.8969	-0.006563
730	1.828	1.664	0.1844	0.5444	1.745	1.174	-0.03437	1.038	0.055
731	-1.016	0.13	-0.12	0.05	0.3906	0	0.6113	0.1841	0.4906
732	0.02816	0.3041	0.1341	0.05414	-0.2152	0.2541	0.8054	0.3182	0.8148
733		0.49	0.94	1.31	0.1206	0.08	0.9313	0.004062	1.111
734	1.447	0.3227	0.5727	0.7927	1.313	0.4927	0.1239	-0.06328	0.04328
735	0.3491	1.025	0.7451	1.095	1.476	1.255	-0.1437	0.3191	-0.6143
736	-1.096	0.1197	0.7997	0.6397	0.9203	2.46	0.08094	0.6137	0.0003125
737	0.9332	0.7091	1.099	1.359	0.2198	1.539	1.01	0.2132	-0.9102
738	1.994	0.46	1.73	2.22	1.811	1.05	0.2013	1.044	0.4906
739	-0.4104	0.3256	0.7056	0.7856		0.7756	-0.2131	-0.09031	0.4462
740	1.69	0.02562	0.2456	0.2556	-0.3137	0.2256	-0.05312	-0.02031	-0.9138
741	1.052	0.1381	0.8381	0.4181	0.6188	-0.1419	0.2794	1.102	-0.3513
742	-0.636	-0.45	-6.43E-09	0.03	0.03063	-0.06	-0.1187	-0.4859	-0.4194
743	0.224	0.67	0.78	0.68	0.1106	1.15	-0.06875	-0.2759	-0.1794
744	0.01652	0.0425	0.2125	0.1125	0.2431	-0.3075	-0.4462	-0.5834	-0.2869
745	-0.3997	-0.01375	1.056	0.8763	0.06688	0.06625	-0.2125	-0.3897	-0.6831
746	0.8698	-0.09418	0.6358	0.6858	-0.2136	0.5758	0.4371	0.4399	-0.03355
747	0.8515	-0.1325	0.4375	0.6775	0.1581	0.4675	0.4788	0.7316	0.08813
748	0.4751	-0.6889	0.2011	0.4411	-0.1183	-1.099	1.152	0.5952	-0.5983
749	0.8804	0.3364	0.8364	0.6764	-0.613	1.056	-0.06234	0.2905	-1.423
750	0.5114	-0.0226	0.5574	0.2074	0.478	0.7774	0.6187	0.8315	-0.332
751	3.785		1.811	2.331		2.001	1.202	1.305	0.8618
752	0.6815	0.1875	-0.1225	-0.2325	-0.7019	0.1275	-0.4312	-0.1184	-0.6319
753	-0.4181	-0.6621	-0.2921	-0.4821	0.3685	0.06785	0.0691	0.7719	-1.462
754	-0.3193	-0.1433	0.7867	0.4667	-0.9327	0.2767	-0.222	0.0007812	-1.373
755	0.4107	0.03672	-0.04328	0.006719	0.06734	0.05672	-0.332	0.0007812	-0.9727
756	0.659	0.875	0.955	1.025	1.196	1.735		0.5691	-0.2944

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
757	0.5969	1.003	1.493	1.343	0.9935	1.763	0.6041	0.397	-0.8865
758	-0.8004	0.03562	2.316	2.226	0.6963	0.2456	-0.7231	0.1797	-0.9138
759	1.344	1.11	-1.02	-1.1	0.3506	2.74	0.4113	0.6641	-1.459
760	-0.0177	-1.032	0.07828	-0.1417	0.3089	-0.7817	0.5795	0.4223	0.01891
761	1.252	-0.3125	0.8975	1.037	0.4481	0.2575	1.009	1.142	0.2781
762	1.904	-0.64	0.9	1.09	0.1206	-0.9	-0.6887	0.3341	-0.3094
763	1.35	0.8462	0.7363	0.8463	-1.123	0.9863	0.3275	-0.8597	-0.1331
764	0.372	0.03797	0.258	0.178	-0.3514	0.08797	0.03922	-0.158	1.319
765	0.7107	-0.2233	0.3967	0.2967	0.1073	0.01672	0.358	0.0007812	1.337
766	-0.3688	0.04719	0.07719	0.1172	-0.1222	0.8572	0.1884	-0.5488	-0.5022
767	0.574	-0.79	0.06	-0.02	-0.3394	-0.04	0.2713	-0.1359	-0.2194
768	0.3437	-0.5403	-0.6703	-0.2103	-0.9797	-0.4403	0.9909	0.1437	0.0003125
769	0.08402	-0.06	-0.39	0.29	-0.3394	-0.1	0.1713	-0.3659	0.8606
770	0.6584	-0.1856	-0.6156	-0.6556	-0.345	0.2944	0.7056	-0.2416	0.225
771	-0.3804	0.5456	1.176	0.9856	-0.01375	0.8556	0.1969	-0.3203	0.4862
772	-0.2304	-0.03438	-0.07438	-0.1344	-0.3837	-0.7144	-0.4731	-0.2003	0.4362
773	-1.101	1.085	0.155	0.305	0.2456	0.655	0.5163	0.9691	-0.4844
774		-0.1825	-0.2225	-0.2025	-0.1219		1.049		-0.5419
775	-0.3185		-0.1025	0.2475	-0.9619	-0.0325	-0.2312	-0.6484	1.448
776	1.362	0.438	0.778	0.768	0.3086	0.838	0.3192	0.232	-0.7114
777	0.164	-0.3	-0.11	-0.42	-0.5094	0.02	-0.1487	-0.3659	-1.089
778	2.099	-0.385	0.165	0.065	-0.5344	0.095	-0.2737	0.3391	-0.8444
779	0.001289	-0.5227	-1.203	-0.4427	-0.9721	-0.4927	0.3885	0.8113	0.9679
780	0.7628	0.2187	-0.6813	-0.6312	-0.7006	-0.5412	-0.23	-0.9172	-0.5006
781	0.3499		-1.714	-1.514	-0.6235	-1.234	0.1071	-0.3501	0.6465
782	0.8077	-0.4463	-0.4863	-0.3463	-1.196	-0.3263	-0.3151	-0.06227	-0.5657
783	0.3757	-0.7884	-1.248	-0.9784	0.1523	-0.7184	-0.6671	-0.6843	0.1223
784	0.3008		-0.8432	-0.5432	-0.7626	-0.7732	-0.252	-1.059	-0.1026
785	0.724	0.25	-0.06	-0.39	-0.6394	-0.32		1.004	1.391
786	-0.241	-0.415	0.015	0.045	-0.3344	-0.115	-0.3038	-0.6409	1.406
787	-0.0202	-0.3542	-1.184	-1.544	-0.7836	-0.9242	-0.303	-0.1502	-0.6736
788	-0.2682		-0.3122	-0.2122	-0.1616	-0.6322	-0.5809	0.1019	-0.5216
789	-1.016	-0.88	0.23	0.14	-0.1494	-0.57	-0.7087	-0.8759	1.421
790	-0.156	-0.27	-0.43	-0.26	-0.5794	-0.3	0.1113	-0.3359	1.051
791	0.8963	-0.8177	-0.7377	-0.7477	-0.1071			2.836	0.9129
792	0.5614	-0.3127	-0.4227	-0.5927	-0.752	0.1273	-0.6114	-0.7286	1.188

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
793	-1.14		-1.544	-1.734	-1.363	-1.424	-1.333	-0.7798	0.1567
794	-0.951	-1.115	-0.695	-0.715	-0.1744	-0.695	0.2963	0.6291	-0.05437
795	0.944	-0.47	-0.64	-0.5	-0.6094	-0.52	-0.09875	-0.4459	0.4906
796	0.9103	-0.6738	-0.6838	-1.224	-0.5531	-0.6137	-0.2425	-0.04969	0.8369
797	-1.596	0.06	-0.03	-0.23	-0.4994	-0.47	-0.00875	-0.1859	0.3306
798	0.4568	0.3428	0.5128	0.5328	-0.5066	-0.5972	-0.3959	-0.8131	-0.1866
799	0.5051	-0.6589	-0.4089	-0.008906	-1.388	-1.379	1.722	-0.5148	-0.1183
800	-0.9196	0.08641	0.1364	0.2264	-0.07297	0.1164	0.4777	-0.1495	1.667
801	-0.7547	0.1912	-0.5988	-0.5487	-0.5581	-0.6687	0.2825	-0.1847	0.8319
802	-0.1835	0.0525	-0.2075	-0.3375	0.2531	-0.4175	0.08375	-0.1934	0.8431
803	0.334	-0.14	-1.86E-08	-0.02	-0.5194	-0.29	-0.5587	-1.096	0.8406
804	-0.879	1.437	-0.01305	0.537	-0.3624	-0.623	-0.5718	0.01102	
805	-0.2004	-0.07445	-0.8945	-1.224	-0.9838	-0.7045	-0.2932	-0.4804	0.5362
806	0.434	-0.13	-0.27	-0.22	-0.1594	0.1	-0.4787	-0.5459	-0.08938
807	1.062	-0.02219	-1.022	-0.8322	-0.3216	-0.5722	-0.1809	-0.4081	1.038
808	0.6396	-0.4444	-0.6944	-0.9444	-0.2537	-0.5844	-0.4431	-0.5003	0.2562
809	0.284	-0.39	-0.17	-0.17	-0.2394	-0.61	-0.2787	-0.2559	-0.4294
810	0.3068	0.03281	0.04281	0.1728	-0.5266	0.09281	-0.2959	-0.4831	0.3234
811	0.3551	-0.1789	-0.1089	-0.2489	-0.5283	-0.5289		-0.6848	1.442
812	-0.5172	-0.00125	-0.9213	-1.121	-0.7806	-0.7413	0	-0.3672	0.4394
813	-2.281	-0.235	-0.615	-0.805	0.6756	-1.465	0.1863	1.189	0.4556
814	-2.2	0.08609	0.006094	-0.09391	0.2967	-1.054	0.4773	0.2502	0.1567
815	-1.541	-0.675			-0.4044	-1.385	-0.2138	-0.1609	-0.4644
816		-0.1494	-0.7694	-0.7194		-1.549	-0.2081	-0.4753	0.8313
817	-1.141	-0.135	-0.365	-0.155	-0.1744	-0.615	-0.2437	-0.1609	1.196
818	0.1971	-0.2769	-0.5869	-0.5869	0.1938	-0.4669	0.1444	-1.023	0.5937
819	-0.1872	0.4687	-0.7713	-0.4912	-0.2706	-0.7513	0	0.01281	1.019
820	-0.02857	0.3774	-0.4726	-0.6626	-0.682	-0.9226	-1.131	-0.8285	0.258
821	-1.235	0.4211	-0.7389	-0.4589	-1.658	-1.329	-0.2977	-0.7048	1.292
822	-0.306	-0.17	-0.61	-0.47	-0.3394	-0.49	-1.179	-1.096	1.771
823	0.2289	-0.4551	-0.6451	-0.3651	-0.5145	-0.9051	-0.003828	-0.621	0.3955
824	-0.9004	-0.1144	-0.9644	-0.9144	-0.9237	-0.3444	0.1869	0.2097	0.5562
825	0.1705	-0.3436	-0.4336	-0.6136	-0.7329	-0.7436	-0.8423	-1.049	0.5671
826	0.2371	-0.497	-0.787	-0.977	-0.3363	-0.717	-1.276	-1.613	0.8637
827	-0.0266	-0.2906	-0.2806	-0.3806	-1.25	-0.03062	-0.01937	-0.6966	1.6
828	0.04018	-0.4538	-1.084	-1.514	-0.1532	-0.7338	-0.8726	-1.13	0.8268

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
829	0.7423	-0.1917	-0.7917	-1.052	-0.7411	-0.5917	-0.1205	-0.5677	1.089
830	-1.353	-0.437	-1.557	-1.187	-1.116	-1.317	0.04422	-0.683	0.08359
831	-1.218	0.4884	-0.5216	-0.4316	0.03898	-0.8716	0.6396	0.01242	0.07898
832	-1.182		-1.216	-0.7555	-1.085	-1.146	0.4657	-1.291	0.3251
833	-0.9935	0.0225	0.3625	0.4625	-0.8369	-0.8475	0.2438	-0.7234	1.533
834	-3.264	1.392	-0.9684	-1.298	-1.688	-1.428	-0.06711	-0.1343	1.682
835	-2.229	0.5269	-1.413	-1.163	-0.4325	-1.823	-0.6819	0.7809	0.4975
836	-2.352	0.1339	-0.2961	-0.2461	-1.605	-0.7861		-0.882	1.105
837	0.6497	0.1357	-0.2643	-0.1043	-0.3337	-0.1143	-0.283	-0.6402	1.066
838	-0.606	0.51	-0.46	-0.37	-1.369	-0.67	-0.4787	-0.7159	0.9006
839	-0.626	-0.17	-0.25	0.17	-0.8094	-0.38	-0.8887	-0.6759	0.2506
840	0.4791	-0.4249	-1.185	-1.135	-0.5943	-1.055	-0.9137	-1.241	0.1857
841	0.319	-0.585	-0.525	-0.425	-0.9144	-0.405	-1.184	-1.381	0.5556
842	0.194	0.09			-1.179	-0.85	-0.1987	-0.6959	0.4106
843	0.4883	0.0443	-0.3357	-0.1857	-0.3551	0.2243	0.1455	-0.9416	0.8449
844	1.054	-0.7997	-0.7897	-0.8997	1.771	-0.8197	-0.7984	-1.296	0.7409
845	1.301	-0.6527	-1.203	-1.393	-0.332	-0.8527	-0.3814	-0.5686	0.758
846	-0.1882	-0.4922	-0.5922	-0.3022	-0.8316	-0.1822	-0.09094	-1.178	0.5484
847	0.4753	-0.3488	-0.7488	-0.8787	-0.5581	-0.3687	-0.0475	-0.2447	0.4719
848	0.1723	0.1883	-0.2017	-0.5017	-0.4011	-0.09172	-0.02047	-0.6177	0.5289
849	-0.456	-0.26	-0.58	-0.59	-0.9494	-0.39	-0.1887	-0.6359	1.411
850	-0.206	0.17	-0.44	-0.5	-0.5694	-0.54	-0.3387	-0.3759	0.7606
851	-1.188	0.1475	-0.8925	-0.9625	-1.032	-0.8225	-0.5812	-1.498	0.5081
852	-1.766	0.72	-1.17	-1.54	-1.609	-1.52	0.1213	-1.076	0.8306
853	-1.147	0.7487	-1.391	-1.261	-1.411	-1.101	0	-0.5372	0.3694
854	-0.9494	0.2566	-0.6534	-0.6434	-1.103	-0.9134	0.4078	-0.4694	0.3572
855	-1.457	-0.1013	-1.491	-1.291	-0.9806	-1.011	-0.28	-0.7872	0.7994
856	-0.3597	-0.1738	-0.6138	-0.6137	-0.5031	-0.7437	-0.4525	-0.3197	1.227
857	-0.656	-0.43	-0.96	-1.01	-0.9794	-0.99	-0.7487	-0.5659	0.8106
858	-1.056	-0.56	-0.75	-0.79	-0.7694	-1.39	-0.1287	0.2741	1.051
859	-0.9279	-0.5519	-0.9119	-1.062	-0.9312	-1.142	-1.241	-1.038	0.9488
860	0.189	-0.285	-0.885	-1.015	-0.6644	-0.995	-0.6738	-0.9709	1.066
861	-0.221	-0.245	-0.625	-0.395	-0.2244	-0.655	-0.1437	-0.3309	1.526
862	-1.53	-0.7244	-0.8544	-0.9844	-0.9537	-1.164	-0.9231	-0.7403	1.356
863	-1.339	-0.4128	-0.6728	-0.6928	-1.932	-1.523	-0.4616	-0.8188	0.6178
864	0.03902	-0.275	-0.425	-0.315	-0.5044	-0.915	-0.6838	-0.1909	0.6456

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
865	-0.7949	-0.3089	-0.4389	-0.3889	-0.2183	-0.8689	-0.06766	-0.4248	1.152
866	-0.9482	-0.3122	-1.352	-1.502	-0.9516	-1.602	-0.1909	-0.3781	2.068
867	-0.785	-0.6491	-0.8691	-0.7191	-1.618	-0.8991	-0.6578	-0.395	0.4316
868	-1.383	-0.3669	-1.107	-1.257	-1.806	-1.457	-0.5756	-1.233	0.6638
869	-1.533	-0.4772	0.2828	-0.007187	-1.077	-1.277	-0.2259	-0.6431	0.9034
870	-0.7732	-0.2872	-0.9172	-1.127	-2.197	-1.257	-0.9659	-1.203	0.8334
871	-0.8643	0.1516	-1.008	-1.058	-0.8477	-1.088	0.05289	-1.034	0.6623
872	0.2103	-0.6537	-1.194	-0.9237	-0.7931	-1.244	-0.7625	-1.31	1.177
873	-0.516	0.35	-1.66	-1.49	-1.089	-1.71	-0.3287	-0.7059	0.4306
874	-0.5265	-0.1905	-0.8505	-1.421	-0.6299	-1.061	-0.3293	-0.7365	1.34
875	-1.448	-0.4325	-1.002	-0.8025	-1.022	-1.782	-0.6412	-0.7084	1.398
876	0.06402	-1.06	-1.1	-1.17	-0.8194	-0.93	-0.7387	-0.5559	0.06062
877	-0.2077		-0.7417	-0.8417	-1.151	-0.8917	-1.02	-0.7577	0.1589
878	-0.376	-0.07	-0.24	-0.34	-0.8694	-0.71	-0.3287	-0.6259	0.3306
879	-0.5422		-0.9463	-0.8262	-1.966	-1.196	-0.665	-1.172	0.9344
880	0.2388	-0.2752	-0.9852	-0.6252	-0.6946	-0.8252	-0.4339	-0.8211	0.2254
881	0.3365	-0.4475	-0.4875	-0.7375	-0.5569	-0.5175	-0.3763	-0.6734	0.4331
882	0.6901	-0.4339	-0.5239	-0.4239	-0.7633	-0.2539	-0.7227	-0.6398	0.2467
883	0.3714	-0.2227	-0.7427	-0.5627	-1.102	-0.4327	-0.5714	-0.4486	0.908
884	0.5221	-0.7119	-0.6819	-0.7019		-0.6819	-0.1906	-0.04781	0.6087
885	-0.3337	0.4223	-0.8777	-0.7577	-0.5171	-1.668	0.01352	-1.734	0.4729
886	-1.345	-0.6389	-0.9889	-0.9789	-1.008	-1.149	-0.3977	-0.5648	-0.1183
887	-1.273	-0.4675	-0.8775	-1.047	-0.3769	-1.147	-0.6162		0.5931
888	-0.01723	-0.3213	-0.1413	-0.09125	-0.4406	0.02875	-0.03	-0.4772	0.1594
889	-0.3024	-0.04641	-0.7064	-0.2764	-0.7258	-0.3364	0.2648	-0.4123	0.08422
890		-0.6459	-0.5359	-0.3859	-0.2352	-0.4159	0.9054	-0.5718	-0.09523
891	0.0923	-0.2017	-0.5317	-0.3317	-0.8211	-0.3917	0.2595	-0.2377	1.299
892		-0.2511	-0.7411	-0.8911	-0.7105	-0.4411		-0.177	0.1295
893	0.07637	-0.07766	-0.3777	-0.3277	-0.547	-0.3577	0.2336	-0.4536	0.383
894	0.3865	0.2725	-1.547	-0.8675	-0.4969	-0.6475	-0.4262	-0.9634	0.7731
895	0.1953	0.07125	-0.4587	-0.2587	-0.7681	-0.2887	-0.0975	-0.2747	1.172
896	0.02926	0.1752	-0.4448	-0.3248	-0.3941	-0.4048	-0.4535	-0.7507	0.6259
897	-0.9171	-0.5611	-0.2211	-0.4311	-0.6805	-0.2511	2.3	-0.307	-0.3505
898	-2.715	-0.7589	-0.3189	-0.1689	-0.8183	-0.5889	0.8923	-0.1248	0.3717
899	-1.396	-0.53	-0.85	-0.9	-1.329	-1.11	-0.6887	0.6741	0.2206
900	-1.266	0.06	-1.57	-0.74	-2.069	-1.84	-0.6387	-0.3259	0.6606

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
901	-0.7374	-0.2714	-0.1814	-0.8014	-0.8108	-0.7814	-0.1502	-0.7773	0.8892
902	0.9351	0.3711	-0.1789	-0.2789	-0.03828	-0.4589	0.1923	0.4252	0.9217
903	0.2528	-0.3413	-0.8413	-0.5412	-0.7306	-0.6412	0.37	0.06281	0.5394
904	0.2634	-0.3306	-0.7506	-0.7006	-0.9	-0.7406	-0.8894	-0.8066	0.22
905		-0.42	-0.09	0.25		-1.39			0.5606
906	-0.08035	-0.4444	-0.6644	-0.6144	-1.034	-1.314	0.2369	-0.9903	1.106
907	0.0859	-1.058	-0.3781	-0.3281	-0.4575	-1.028	0.01313	-1.604	0.7725
908	0.1023	-0.4717	-0.2317	-0.2917	-0.4011	-0.2717		-0.6377	0.1989
909	0.7421	-0.2119			-0.5112	-0.5219	-0.8206	-1.298	0.07875
910	-0.9497	-0.7538	-0.6038	-0.7737	-0.8431	-0.6137	-0.2525	-0.8997	-0.1231
911	-0.8101	0.7759	-0.3941	-0.3141	-0.8035	-0.4241	0.5371	0.3799	-0.3135
912	0.3915	-0.0025	-0.4725	-0.5925	-0.2419	-0.1225		0.3916	1.358
913	-0.6085	-0.1625	0.1575	-0.0225	0.02813	0.1775	0.2588	-0.3984	0.6981
914	-0.756	0.16	-0.79	-1.11	-0.07937	-0.19	0.1013	-0.4259	0.09062
915	-0.05879	-0.1428	-0.5128	-0.4628	-0.2922	-0.3428	-0.4016	-0.4388	-0.06219
916	0.1023	-0.5817	-0.5417	-0.5717	-0.8411	-0.2017	0.6295	0.7523	0.1789
917	0.09402	-0.36	-0.44	-0.31	-0.6094	-0.52	-0.3287	-0.7559	1.421
918	0.5118		0.7278	0.8778	0.1184	-1.132	-1.571	-2.228	-0.4616
919	0.3323	-0.03172	-0.5617	-0.6117	-0.9011	-0.8717	-0.3005	-0.4677	0.1389
920	-0.4636	-0.1776	0.2624	0.09242	-0.197	-0.07758	-0.006328	-0.6935	0.633
921		0	-0.91	-0.95	0.1806	-1.21	-0.1187	0.7641	1.101
922		-0.7342	-0.6542	-0.9442	0.5764	-1.584	0.397	0.3398	0.09641
923	0.001211	0.1172	-0.2728	-0.5928	0.1778	-0.7328	-0.5916	-0.8288	0.04781
924	-0.93	-0.03406	0.6459	0.3659	0.1266	-0.5041	-1.003	-0.43	0.2266
925	-1.574	-0.5278	0.02219	-0.1078	0.1328	-0.9078	-0.3266	-0.4838	0.6828
926	-0.8438	-0.8078	0.01219	0.04219	-0.6672	-0.8178	-0.5466	-0.5938	0.5328
927	0.4588	-0.5252	-0.2652	-0.4152	0.1054	-0.4952	-0.5939	-0.8911	1.085
928	-0.266	0.06	0.74	0.9	0.4406	-0.12	-0.1287	-0.3759	0.2706
929	-0.07598	-0.73	-0.09	0	-0.1994	-0.47	0.1512	-0.04594	0.2406
930	-0.226	-0.3	-0.63	-0.43	-0.9794	-0.45	-0.4687	-1.076	1.321
931	-0.3835		-0.9375	-0.7875	-0.7569	-0.8175	0.4237	-0.8734	1.383
932	0.2534	0.4994	0.8294	1.059	0.01	1.319	0.5906	0.1234	0.17
933	-2.789	1.717	0.8374	0.6774	0.928	1.187	-0.01135	0.3015	-1.362
934	-0.996	0.06	-2.34E-08	2.19E-08	0.4106	0.18	0.4713	0.8841	0.4706
935	-1.763	0.05258	2.393	2.583		-0.2274	-0.1362	-0.8234	0.9632
936	-0.8772	0.4087	0.2787	0.4788	-0.08063	0.00875	0	-0.6772	0.06937

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
937	-0.8246	0.4514	0.01141	0.4914		0.2614	-0.08734	-0.5445	0.142
938	-1.444	-0.5984	1.232	1.042	0.5122	-1.448	-1.477	-1.424	-1.028
939	-1.481		0.695	0.855	0.1656	-0.985	-1.004	-0.6509	-0.6744
940	0.354	0	0.33	0.28	0.6306	-0.1	-0.3287	-1.026	-0.9694
941	-0.866	0.03	-6.43E-09	0.12	-0.2494	-0.39	-0.6187	-0.8059	-0.5694
942	-1.808	-0.462	-0.952	-0.702	0.8286	-0.702	-1.031	-1.118	-0.9114
943	-0.4698	0.006133	-0.3339	0.02613		0.2861	-0.5126	-0.3798	-0.6832
944	-0.02488	-0.6489	1.861	2.211	1.472	-0.7389	-0.4977	-0.2548	-0.6983
945	-0.08371	0.1023	3.142	2.702	2.923	0.04227	-0.5765	0.3163	-0.8971
946	-0.246	-0.45	3.02	3.13	2.761	-0.39	-0.6287	0.4541	-0.4094
947	-0.806	0.88	3.83	3.97	2.431	0.09	-1.409	-0.2959	-0.6194
948	-0.131	-0.335	3.305	3.135	2.076	0.005	-1.044	-1.051	-0.07437
949	-1.346		2.47	2.48	2.301	-0.09	-0.04875	-0.5259	-1.599
950	-1.495	0.9711	2.691	2.331	1.782	-0.05891	0.08234	-0.5748	-1.158
951	-0.8599	-0.4739	2.136	1.906	0.6167	-0.2339	-0.8127	0.02016	-0.09328
952	-0.716	0.36	2.86	2.34	1.591	-0.36	-0.8587	-0.7359	-0.3194
953	-1.612	0.3544	2.084	1.744	1.275	0.004375	-0.004375	0.1184	-0.205
954	-1.391	-0.705	2.445	2.325	2.086	-1.005	0.3563	1.859	0.09563
955	-0.511	-2.745	2.425	1.675	1.516	1.215	-2.534	-1.591	-0.9944
956	-1.036		1.93	1.51	0.7006	-0.15		-0.5559	0.4406
957	-1.129	-0.03281	0.7772	0.7772	0.4978	0.1572	0.01844	-0.09875	-1.812
958	-0.7799	0.6361	0.3561	0.2561	0.8267	0.6861	0.5673	0.2602	-1.913
959	-0.6497	0.5962	0.2262	0.3263	0.5469	0.6363	0.0975	-0.1797	-1.703
960	-1.61	0.4059	0.3659	0.4059	0.6966	0.3659	-0.5328	-1.21	-2.403
961	-1.316	0.23	-1.21		0.6906	0.66	-0.5587	-0.3859	-2.189
962	-0.2107	0.2853	0.2253	0.05531	-0.6341	0.3253	-0.02344	0.1194	-0.9741
963	-0.4693	-0.3433	0.006719	0.006719	0.9873	-0.3733	0.08797	0.0007812	-1.723
964	-0.603	-0.407	-0.01703	-0.377	0.1236	0.002969	0.1942	0.257	-1.396
965			0.1312	0.5013	0.3519	0.3113	-0.9475	0.07531	-1.878
966	-0.5966	0.2294	0.3994	0.2694	0.94	0.3794	0.4306	0.4534	-1.86
967	-0.956		0.69	0.51	0.7706	0.93	0.1913	-0.02594	-1.549
968	-1.043	-0.3666	0.5934	0.5534	0.864	0.8534	0.02461	-0.002578	-1.646
969	-1.03	0.3256	0.3956	0.5156	0.8463	0.4956	0.5569	0.02969	-1.404
970	-1.34	0.3659	0.4159	-0.1341	0.6465	0.5859	0.03711	-0.2501	-1.404
971	-0.2621	-1.656	0.4739	0.3139	-0.07547	1.604	0.5852	0.758	-0.5455
972	-0.9711	0.3449	0.6949	0.4349	0.2455	1.465	0.4761	0.6289	-1.124

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
973	-0.717	0.159	0.489	0.279	0.009648	1.189	0.3103	0.8931	-1.25
974	-1.181	0.4352	0.3752	0.4252	-0.05422	0.3952	0.02641	-0.4508	-0.5342
975	-0.466	0	-0.36	-0.31	-0.9294	0.52	-0.06875	-0.8959	-0.2194
976	-0.181	0.345	-0.805	-0.925	0.5056	-0.015	0.3663	0.2091	-1.234
977	-0.5872	0.3987	-0.09125	-0.1712	-0.000625	0.3387	0.25	0.2228	-1.221
978	0.3167	0.7527	0.4527	0.3427	-0.4667	0.4727	-0.3961	0.02672	-1.667
979	-2.361	0.105	0.555	0.325	0.005625	0.085	-0.7437	-0.5909	-0.7744
980	-0.9991	2.597	0.2769	-0.08312		0.6869	0.2081	0.9109	-1.432
981	-0.07598	-0.24	-0.08		-0.3294	-0.24	-0.03875	0.3441	0.2806
982		-0.2607	0.4493	0.4993	0.3999	0.4593	-0.4295	-0.5667	1.56
983	-0.336	0.04	0.75	0.54	0.3606	-0.05	0.2713	-0.2159	0.6306
984	0.33	0.3059	0.6059	0.9859	0.05656	0.4059	0.8372	-0.19	0.8566
985	0.5456	0.7116	0.8416	0.7816	0.3222	1.012	0.1228	0.3056	0.7022
986	0.04988	0.2759	0.9459	0.8259	0.1865	0.4559	0.06711	0.1499	0.5265
987	0.4565	0.1225	0.7325	0.7225	0.09313	0.6025	0.2938	0.7466	0.6531
988	-0.08098	0.065	-0.205	-0.185	0.8856	0.075	0.3163	-0.2709	0.6556
989	-0.356	0.13	1.23	1.05	0.5506	0.31	0.04125	0.2141	-0.04938
990	-1.253	0.2025	0.6525	0.3425	0.5531	0.0325	-0.3463	-0.6234	1.113
991	-0.8047	-0.01869	0.3313	0.6013	-0.07807	-0.3087	-0.4774	0.4154	0.7819
992	-0.9113	0.3347	0.4447	0.7147	0.7253	0.2547	-1.164	-0.1213	-0.09469
993	-0.6647	0.4912	1.341	1.511	0.4919	0.5513	0.4325	-0.9647	-0.3581
994	-1.206	0.96	1.46	1.99	0.2906	0.69	0.6313	-0.1759	-0.09938
995	0.649	0.165	0.485	0.475	-0.3644	0.675	-0.3337	-0.4909	-0.4644
996	-0.1735	0.6625	1.682	1.692	0.1231	1.172	-0.2263	-0.3634	0.1831
997	-0.638	-0.122	0.08797	0.258	0.08859	0.178	0.3192	-0.208	0.02859
998	-1.466	0.43	0.29	0.36	-0.3594	-0.05	0.08125	-0.005938	-0.8994
999	-1.19	0.6756	0.6556	0.5056	0.2963	0.6756	0.5469	0.2097	-0.4138
1000	-0.06598	-0.03	0.57	0.36	0.05063	-0.36	-0.9787	-1.096	-0.5094
1001	-1.081	-0.0152	0.5148	0.8648	0.8754	0.5848	-0.02395	-0.4311	0.01543
1002	-1.296	0.03016	0.4602	0.4502	1.631	0.6502	-0.1286	0.1042	-0.5292
1003		0.7941	1.264	1.384	2.335	0.9241		-0.3518	-0.3452
1004	-1.821	0.315	1.015	1.035	1.926	0.575	-0.2237	0.2291	-0.2144
1005	-1.126	0.7097	0.8897	0.4597	0.7403	1.03	0.2409	0.1637	-0.7597
1006		0.08	0.23	0.25	1.101	0	-0.3987	-0.1559	-0.7194
1007	-0.966	0.33	0.71	0.78	0.1306	-1.51	-0.3687	0.5041	-0.6294
1008	-1.273	0.3325	0.6325	0.6225	0.3931	0.0025	-1.056	-0.1234	-1.707

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1009	-0.7735	0.2325	1.622	1.473	0.4931	0.7125	-1.496	-0.6434	-1.107
1010	-0.9235	0.0325	1.412	0.8325	0.9931	-0.8775	-0.2662	-0.4834	-0.6769
1011	-1.356	-0.06	0.67	0.83	0.4506	3.36E-08	-0.4287	-0.3559	-0.4694
1012	-1.076	-0.06	1.11	1.12	0.4206	0.62	-0.2487	-0.2559	-0.7794
1013	-1.781	0.07453	2.645	2.465	0.6352	0.07453	-0.5842	-0.4214	-1.275
1014	-2.376	-0.8598	1.59	1.77	0.6208	0.1702		0.1742	0.9708
1015	-0.5666	-0.1006	1.909	1.819	1.36	0.1294	-0.8194	-0.1966	0
1016	-0.9384		0.2376	0.5576	0.3182	-0.6924	0.7588	0.5816	0.7182
1017	-0.266	0.37	0.36	0.36	0.4306	0.45	-0.2687	-0.09594	0.3706
1018	-0.186	-0.49	-0.01	0.42	-0.3194	-0.4		-0.4359	0.7806
1019		-0.08082	0.2992	0.5192	-0.1402	-0.05082	0.5104	-0.08676	1.35
1020	-1.536	-0.02	0.38	0.11	-0.5394	0.13	0.7713	-0.6459	1.051
1021	-0.05191	-0.4159			-0.03531	0.5141	-0.3447	-0.3819	0.4547
1022	-1.176	0.27	0.36	0.74	0.2106	-0.09	-0.1487	-0.1659	0.8406
1023	-1.436	0	0.16	0.01	-0.2794	0.23	1.171	-0.5459	0.8706
1024	-1.25	-0.02422	0.3458	0.3058	0.3264	0.3058	0.167	0.07984	-0.01359
1025	0.109	0.325	0.135	0.035	-0.1644	0.335	-0.02375	0.02906	1.266
1026	1.504	0.8002	0.6002	0.5902	0.09078	0.1102	-0.6286	-1.026	1.981
1027	0.7984	0.04437	0.06437	-0.005625	-0.125	0.5244	0.01563	0.3584	0.975
1028	-0.118	0.338	-0.03203	-0.342	-0.04141	0.04797	-0.0007812	-0.228	0.09859
1029	0.124	0.99	0.24	-0.08	-0.4494	0.4	-0.8787	-0.9359	-1.639
1030	-1.453	0.7029	1.083	1.093	1.414	0.1829	-0.3459	0.257	-0.6065
1031	-0.4429	0.05312	1.083	1.193	0.1338	0.6631	0.2544	-0.4328	-0.7763
1032	-1.656	0	0.02	0.16	0.3606	-0.27	-0.5287	-0.6059	-0.1994
1033	-0.5826	0.0234	-0.3466	-0.4066	-0.03598	0.0334	0.3746	0.1075	0.734
1034	-0.1408	-0.07484	-0.4448	-0.6248	0.2158	-0.1548	0.1164	-0.2008	-0.4242
1035	0.584	0.25	0.8	0.86	0.2806	0.68	-0.1787	0.3541	0.01062
1036	-0.8399	0.3761	2.126	1.886	0.5067	0.7661	-0.3527	-0.6898	0.1167
1037	-0.8866	0.5694	1.889	1.899	0.8	0.7594	0.1606	-0.3766	0.25
1038	0.1157	-0.05836	1.262	1.452	0.2823	0.6616	0.4429	0.1957	-0.2877
1039	-0.906	0.57	1.49	1.26	0.5006	1.15	-0.7087	0.5741	-1.509
1040	-2.218	0.7175	1.377	1.558	0.8181	1.008	-0.06125	0.6116	-0.7619
1041	-0.971	0.775	0.755	0.635	0.3456	0.365	0.1463	-0.3109	-0.2644
1042	-0.5785	-0.0925		-0.4425	-0.2919	-0.0925		-0.008437	-0.1419
1043	-0.8025	0.4735	0.7435	0.8435	0.3241	1.004	0.4248	0.4676	0.8141
1044	-1.416		2.17	1.93	1.271	0.43	-0.1387	-0.6459	-0.5194

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1045	-1.913	0.3825	0.1825	0.5725	0.4031	0.8425	-0.3662	-0.6034	-0.9469
1046		0.523	1.033	1.173	0.2837	0.783	0.4243	0.2671	-0.3963
1047	-1.043	0.8127	1.553	1.263	0.5134	0.9727	-0.09602	-0.003203	-0.4166
1048	-1.945	0.1505	1.431	1.541	1.201	-0.009453	-0.0482	-0.3954	-0.5088
1049	-2.52	0.3457	0.4257	0.5057	0.6964	0.4257	0.707	0.7998	0.1564
1050	-0.8332	0.3127	0.5227	0.6127	0.2634	0.3327	-0.01602	0.0168	0.06336
1051	-1.692	0.3844	1.334	1.184	0.945	0.2444	0.07563	0.4984	
1052	-0.3876	0.6284	0.9484	0.8484	0.549	0.7084	0.2796	-0.007578	-0.461
1053	-0.601		0.675	0.675	0.6456	0.365	-0.02375	-0.7409	-0.8744
1054	-0.7993	0.2767	0.5367	0.4767	0.4673	0.5667	0.4279	-0.5193	-0.8927
1055	-1.015	0.3212	0.4512	0.4213	-0.1581	-0.2587	-0.0175	-0.9747	0.1319
1056	-0.5343	0.3717	0.8617	0.9617	0.3823	-0.04828	-0.267	-0.05422	-1.438
1057		-0.0825		0.8675	0.5681	0.4775			-0.8719
1058		0.6162	1.206	1.816	1.357	1.126	0.5775	0.6703	-0.5731
1059	-0.886	0.89	0.98	1.01	0.8106	1.46	0.2913	0.004062	-0.8194
1060	-1.286	0.2003	0.4803	0.5003	0.5209	0.2803	0.9416	-0.5756	-0.4191
1061	-0.1029	0.4431	1.163	0.8931	-0.03625	0.5531	0.1744	-0.1828	-0.6563
1062	-0.9866	-0.1006	1.659	1.779	1.07	-0.4506	0.000625	-0.2666	-0.1
1063	-0.536	0.38	1.28	1.45	0.4606	1.09	0.2213	-0.2859	-0.6594
1064	-1.251	0.565	-0.505	-0.505	0.1156	0.035	0.1763	-0.02094	-1.024
1065	-1.076		1.45	1.47	0.6906	0.9	-0.4387	-0.4959	-0.7394
1066	-1.742	0.4444	1.504	1.474	0.735	0.9644	-0.1644	-0.5016	-1.065
1067	-0.5139	-0.03789	1.712	1.592	0.9127	0.3121	0.4334	0.3362	-0.1073
1068	-0.1204	0.1556	1.096	1.186	0.2163	0.6656	-0.01312	-0.5503	-0.8838
1069	-0.906	0.24	0.35	0.48	0.3006	0.48	0.4713	-0.2559	-0.5794
1070	-0.7066	0.2694	0.4794	0.08938	-0.37	0.1094	-0.009375	-0.4766	0.03
1071		0.205	1.155	1.305	0.3956	0.805	0.1363	0.1191	-0.4044
1072		0.584	1.304	0.834		0.764		0.278	-0.1854
1073		0.6462	0.5962	0.6763	0.5469	0.7663	0.6375	0.1203	0.3569
1074	-1.029	-0.03266	0.2373	0.1573	-0.382	0.4873	-0.1514	-0.1586	-0.502
1075	0.05	0.206	-0.03402	-0.304	0.6666	0.266	0.1372	0.22	-0.0834
1076	-0.7738	0.06219	1.222	1.312	1.143	0.3122	-0.1066	-0.08375	-1.297
1077	-3.412	0.2137	1.794	1.844	1.184	0.3338	-0.035	-0.2422	-0.3056
1078	-0.1785	-0.0025	-0.2025	-0.1725	0.1581	0.1575	-0.3712	-0.4884	0.7981
1079	-0.009062	-0.5531	-0.05309	0.04691	0.7775	0.5569	-0.6718	-0.789	-0.06246
1080		1.181	0.2911	0.4411	0.1617	0.7111	0.9623		-0.6883

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1081	-1.148	0.5679	0.7579	0.6179	0.6485	0.9979	0.0691	-0.3481	0.1085
1082	-0.396	-2.50E-08	0.28	0.18	-0.3294	0.16	0.05125	-0.2159	0.9106
1083	0.4768	0.02281	0.04281	-0.07719	0.5234	0.4728	0.1941	0.3969	0.9634
1084	0.7315	0.2675	0.2475	0.5175	-0.04187	0.8375	1.639	0.4316	-0.2419
1085	0.2471	0.02312	-0.09688	0.2031	-0.2362	-0.08687	0.5844	0.1672	0.1537
1086	-1.333	0.4425	0.1825	0.5225	-0.08687	-0.0975	-0.1862	0.04656	-1.357
1087	-3.746	1.42	-6.43E-09	0.28	0.7606	0.53	-0.5887	-0.4259	-1.169
1088		1.458	-0.2722	0.4678	0.6084	0.2778	-0.7609	-0.3181	-1.582
1089		0.9162	0.3662	1.046	0.8268	1.216	-0.4126	-0.01977	-0.8032
1090	-0.656	0.22	-6.43E-09	-0.06	-0.5294	0.42	-0.2187	-0.6159	-0.4694
1091	-1.076	1.01	-0.35	0.36	0.1806	-0.15	-0.7487	-0.08594	
1092	-1.586	0.5	-6.43E-09	3.89E-08	0.02063	0.1	0.00125	-0.02594	-0.6694
1093	-0.8686	0.7273	-0.8727	0.08734	-0.392	0.2173	0.08859	-0.1286	-0.582
1094	-1.425	0.7612	0.07117	0.3712	0.1018	0.6112	0.4824	-0.01477	
1095	-1.3	0.8856	0.3356	0.2456	0.2263	0.7556	0.4069	0.1697	-0.1338
1096	-0.8147	0.5012	0.1912	-0.2087	0.1419	0.6813	0.0625	0.3953	
1097	-1.656	0.85	0.16	0.03	0.2406	0.23	-0.01875	-0.1359	-0.2294
1098		0.6022	0.6922	0.7022	-0.07719	0.7222	-0.3066	-0.6438	-0.02719
1099	-1.733	0.7534	0.3334	0.09336	-0.746	0.4834	-0.1454	0.06742	-0.416
1100		0.765	0.305	0.445		0.645		0.7691	-0.3844
1101	-0.311	-0.055	-0.515	0.025	-0.1944	-0.065	0.1863	0.2291	0.7356
1102	-0.4688	-0.5128	0.06719	-0.1428	0.5778	-0.03281	-0.3716	-0.3588	-0.8222
1103	-0.966	-0.1	-0.46	-0.29	-0.6194	0.03	0.09125	-0.5059	-1.689
1104	-0.2963	0.5196	-0.6704	-0.04035	0.1103	0.03965	0.7309	1.114	-0.1197
1105	-2.604	-0.1876	1.652	1.732	0.253	-1.698	-0.8363		-0.937
1106	-0.2365	-0.3205	-0.2205	0.08945	-0.3799	-0.3305	0.2007	-0.1065	0.1801
1107	-0.701	0.685	0.475	0.645	0.5156	0.135	0.6862	-0.06094	0.5656
1108	-0.1079	0.008125	0.1581	0.04813	0.1888	0.06813	0.4694	-0.5478	0.9288
1109	-0.806	0	-0.01	0.04	-0.1094	2.98E-08	0.1713	-0.1059	0.3606
1110	-0.09598	-0.42	0.26	0.33		-0.46	-0.8287	-0.9859	0.4406
1111	-0.4399	-0.05391	0.2661	0.1561	0.1167	-0.05391	-0.8327	0.2502	0.3867
1112	-0.6938	0.2222	-0.5378	-0.3978	-0.7072	0.1622	-0.06656	-0.2438	0.6428
1113	0.5815	-0.2925	0.1275	-0.0225	0.1281	-0.2325	-0.1213	-1.118	0.6781
1114	0.1146	0.0005469	-0.06945	0.1505	0.05117	0.4105	-0.1182	-0.2554	0.6712
1115	-0.2654	0.04055		0.07055	-0.1088	0.2405		0.1246	0.6412
1116	0.382	-0.09203	0.258	-0.122	-0.1114	0.328	0.03922	-0.168	1.339

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1117		-0.4339	-0.04387	0.1161	-0.4932	0.2861	-0.1826	-0.8998	0.6368
1118	-0.9632	0.1928	0.9328	0.6728	-0.2366	0.9528	1.254	0.1869	1.323
1119	-0.5835	0.1125	0.1025	0.1225	-0.1469	0.2925	0.08375	-0.5134	0.2631
1120	-0.566	0.03	-0.4	-0.27	-0.4394	0.04	0.3013	0.2141	0.1306
1121	-0.9631	0.2729	-0.01711	-0.09711	-0.3465	0.7329	0.04414	0.147	0.6035
1122	-1.621	-0.065	0.295	0.465	-0.7944	0.675	0.2063	0.2391	0.2256
1123	-2.317	0.2186	0.5586	0.01859	-0.04078	0.7486	0.7798	0.3127	0.5092
1124	-0.8636	0.6223	0.5923	0.4223	0.533	-0.4377	0.5336	0.3864	0.173
1125	0.3843	0.2803		-0.7297	-0.2891	-0.2797	0.2816		0.7009
1126	-1.78	0.2159	0.1759	0.5359	0.4666	0.08594	-0.5028	-0.1	1.207
1127	0.2049	0.2309	-0.3991	-0.3791	-0.7785	0.1809	0.4221	0.2049	-0.1485
1128	-0.04723	-0.02125	-0.8513	-1.081	-0.7906	-0.4813	0	-0.1772	0.5294
1129	-0.4999	0.2061	0.04609	0.02609	-0.09328	0.2761	-0.2527	-0.5198	0.1967
1130	-0.711	-0.025	0.045	0.315	0.02562	-0.225	0.4762	0.1391	0.8056
1131	-0.8604	-0.3344	0.2156	0.3956	-0.06375	0.3456	-0.1231	0.3397	0.09625
1132	0.174	-0.42	-0.59	-0.76	-0.09937	-0.39	0.4413	-0.1659	0.6206
1133	0.1739	-0.4401	-0.9501	-1.08	-0.1795	-0.2301	0.1111	-0.3161	0.09051
1134	0.3246	-0.4894	-1.429	-1.379	-0.2787	-0.8994	-0.2181	-0.3353	0.1412
1135	-0.00668	-0.0307	0.1693	0.2593	-0.3401	0.2993	0.6205	0.03336	0.1299
1136		0.3322	0.2022	0.2522	-0.4372	0.4022		-0.1238	0.8528
1137	-0.336	0.01	-7.73E-09	0.07	-0.7994	0.33	0.1813	-0.4859	0.7506
1138	-0.1774	0.4586	-0.5514	-0.6114	-0.2308	-1.261	0.1998	0.7127	0.8992
1139	-0.6038	-0.2678	-0.2878	-0.1878	-0.6072	0.01219	0.1134	0.2162	0.5228
1140	-0.1813	-0.1753	0.1247	-0.02531	-0.3847	-0.005313	-0.2941	-0.1813	0.7053
1141	-0.2986		-0.3027	-0.6227	0.238	-0.1427	-1.061	-0.4086	0.618
1142	-0.1735	0.0925	-0.2875	-0.1775	-0.5969	-0.0375	0.1037	0.5666	0.7131
1143	-0.5335	0.3625	0.5425	0.5625	-0.06687	0.9325	0.8538	0.4866	0.4631
1144	-0.161	-0.175	0.115	0.115	0.02563	0.155	0.3663	-0.2009	0.6656
1145	0.05402	0.33	-0.15	-0.03	-0.3194	0.22	-0.08875	-0.4959	1.031
1146	-0.3457	-0.5997	-0.4197	-0.3697	-0.1491	-0.1797	-0.6484	-0.4156	0.6409
1147	-0.586	-0.64	-0.08	0	0.2006	-0.24	-0.1388	0.1841	0.4206
1148	0.009023	-0.075	-0.545	-0.295	-0.4644	-0.175	-0.4537	-0.5609	0.3956
1149	-0.226	-0.49	0.32	0.19	-0.2694	-0.1	0.3213	-0.08594	0.4206
1150	-0.4408	-0.08484	-0.1248	-0.09484	-0.08422	-0.1448	-0.02359	-0.1708	0.1658
1151	-1.556	-0.09	-0.28	-0.41	-0.6894	-0.28	-0.5687	-0.6259	1.581
1152	-0.7866	-0.2706	-0.5406	-0.3506	-0.63	-0.4306	-0.1594	-0.3866	0

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1153	-1.263	-0.7269	-1.187	-0.8969	-0.8862	-1.537	-0.3356	-0.04281	0.01375
1154	-1.379	-0.1834	-0.5134	-0.2334	0.1972	-0.7134	0.1478	-0.3294	1.127
1155	-0.7597	-0.00375	0.1562	0.00625	-0.3031	0.6463	0.2675	-0.6497	1.027
1156	-0.541	-0.175	-0.335	-0.165	-0.2944	-0.085	0.3163	-0.3309	0.2356
1157	-1.071	0.385	0.225	0.015	-0.4044	0.235	0.3263	-0.1309	-0.2244
1158	-0.6747	0.5012	-0.1488	0.7713	0.3419	0.3113	0.2825	0.5053	0.4619
1159	0.584	-0.39	-6.43E-09	-0.24	-0.1294	0.03	0.9313	0.5341	0.2906
1160	0.934	-0.16	-0.8	-0.69	-0.1394	-0.42	-0.4287	-1.066	0.8706
1161	0.08277	-0.1713	-1.211	-1.241	-0.3406	-1.141	0	0.2228	-0.1506
1162	-1.26	-0.2438	0.6662	0.4963	-0.7231	-0.00375	0.3175	-0.4497	2.847
1163	0.294		0.08	0.1	0.9206	0.47	1.001	0.9841	-0.9494
1164		0.001094	0.7311	0.6111	0.07172	0.3411	0.1623	-0.1948	-0.6683
1165	-0.2157		0.4102	0.9102	0.2009	0.3202	0.9415	0.7243	-0.2791
1166	0.6103	-0.3138	0.7462	0.5463	0.6069	0.8863	0.1375	0.05031	1.157
1167	-0.946	-0.91	-0.66	-0.79	-1.119	0	1.881	1.734	-0.4294
1168	-0.5272	-0.9813	-0.3713	-0.6512	-0.7706	-0.2912	1.59	1.943	-0.2706
1169	-0.5985	0.3575	0.5375	0.5475	0.6181	0.3475	0.8588	1.232	1.158
1170	-0.04598	-0.21	-0.14	-0.24	0.3806	0	0.1013	-0.06594	0.8006
1171	0.364	-9.58E-09	0.31	0.13	-0.8094	-0.28	-0.05875	0.09406	-0.2594
1172	-0.5767	0.5193	0.7993	0.7993	-0.6401	0.7293		-0.1966	0.6399
1173	-0.711	-0.375	-0.275	-0.295	0.1756	-0.345	0.07625	0.4091	0.1156
1174	-0.866	-0.17	-0.22	-0.2	0.1806	-0.28	-0.1987	0.4441	0.2806
1175	-0.06312	-0.02715	0.2729	-0.1271	-0.5665				-0.04652
1176	0.1171	-0.1069	-0.7269	-0.3669	-0.1462	-1.207	-0.3356	-1.503	-0.4263
1177	0.3762	-0.2078	-0.8078	-1.018	-0.9672	-0.4478	1.123	1.056	-0.1872
1178	0.6861	0.3921	0.3521	0.4721	-0.03727	0.8121	0.5034	0.01617	-0.02727
1179	0.7562	1.612	0.6122	0.3422	-0.1872	0.6722	-0.1866	1.316	-0.1772
1180	-0.3018	-0.4958	1.804	1.744	0.8148	-0.6158	-0.6845	-0.9717	-0.06516
1181	-1.947	0.3194	-0.7506	-0.5806	-0.7	1.629	-0.1794	-0.3066	-0.76
1182	-1.869	1.497	0.1067	0.2367	0.6973	2.917	1.218	0.0007812	-1.023
1183	0.001211	0.3372	-0.002813	-0.05281	-1.462	1.007	-0.7816	-0.9488	-2.632
1184	0.01402		-0.36	-0.08	-0.9194	0.45	-0.5587	-0.6059	-1.389
1185	-0.5429	-0.5369	-0.8469	-0.7569	-1.096	-0.7369	-0.9856	-1.173	-1.056
1186	-1.323	-2.468	-1.818	-1.388	-0.3569	-0.4675	-2.196	-1.553	-4.207
1187	-1.566	-2.06	-1.7	-1.55	-0.7394	-0.27	-1.689	-1.536	-3.629
1188	-0.186	-0.81	-1.49	-1.6	-2.119	-0.26	-1.719	-1.836	-2.639

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1189	0.1868	-0.7072	-1.167	-1.067	-0.9366	-1.077	-0.9959	-0.8231	-3.037
1190	-1.089	-0.4027	1.597	1.497	0.06797	0.3373	-0.5314	-0.3786	-0.612
1191	-0.8404	0.1756	-0.1444	-0.3544	-0.3337	-0.4944	-0.6831	-0.7703	-0.7238
1192	-0.875	0.3109	-0.08906	-0.1691	-0.4984	-0.3991	-0.5278	-0.575	-0.5284
1193	-0.7521	-0.07609	-0.05609	-0.4061	-0.1755	-0.3461	-0.6548	-0.642	-1.085
1194	-0.866	-0.63	0.04	0.2	-0.4794	-0.34	-1.009	-1.156	-1.199
1195	-1.432		0.004375	-0.4856	0.475	0.2444	-1.094	-1.082	-1.765
1196	-1.32	0.03594	0.2359	0.1159	-0.5234	0.2559	-0.1228	-0.28	-1.583
1197	-0.241	0.205	-0.525	-0.925	-1.044	-0.155	0.1963	-0.2009	-2.194
1198	-0.08816	-0.1122	-0.002188	-0.1522	-0.8816	-0.3322	-1.071	-1.098	-1.562
1199	0.254	-0.72	-0.71	-0.7	-0.9494	-0.28	-0.8287	-0.07594	-1.709
1200	-1.272	-0.2259	-0.7259	-0.6859	-0.2352	0.6041	-0.1646	-0.1618	-0.5152
1201	-1.281	-0.005	-0.875	-0.935	-0.7244	0.135	-0.7837	-0.5409	-0.6044
1202	-0.8501	-0.2041	-0.6541	-0.7141	-0.2335	0.1759	-0.4529	-0.7201	-0.1535
1203	-1.926	0.08	-1.31	-1.37	-1.369	-1.36	-1.729	-0.6659	-2.139
1204	-1.058	-1.553	-1.093	-1.042	-1.162	-0.5025		0.3016	-2.082
1205	-0.7968	-0.1209	-0.2409	0.1091	-0.3902	-0.4609	-0.8496	-0.1268	-0.7702
1206	-1.078	-0.4017			-1.211	-0.3917	-0.9105	-0.6677	-0.9911
1207	-0.4362	-0.3402	-0.8902	-0.8602	-0.8496	-0.7802	-1.139	-0.8462	-1.29
1208	-1.336	-0.95	-1.56	-1.22	-1.279	-1.52	-1.389	-0.6959	-2.369
1209	-2.211	-0.495	-1.715	-1.455	-1.834	-2.265	-1.474	-0.8809	-2.044
1210	-2.048		-1.832	-2.172		-2.252		-1.228	-2.461
1211	-0.8255	-0.09957	-0.2196	0.06043	-0.8989	-1.36	-0.3083	-0.1255	-1.119
1212	-1.151	-0.8248	-0.6548	-0.6548	-1.284	-1.485	-1.234	-0.4808	-1.564
1213	-1.47	-0.3144	-1.054	-0.9644	-1.664	-1.924	-1.413	-0.0003125	-1.774
1214	-1.146		-1.26	-1.33	-1.139	-0.61		-0.5859	-0.7394
1215	-1.636	-0.25	-1.24	-1.34	-0.9694	-0.91	-0.5987	-0.6059	-0.5594
1216	-0.9849	-0.3789	-1.169	-1.489	-1.138	-0.7989	-1.068	-0.8748	-0.7583
1217	-1.265	-0.1189	-0.8989	-0.8489	-1.358	-0.8489	-0.7176	-1.125	-1.138
1218	-1.013	-0.5375	-0.9675	-0.9775	-1.037	-0.8075		-1.253	-1.397
1219	-0.6226	-0.09664	-0.8066	-1.107	-0.856	-0.8566	-0.8154	-1.143	-0.976
1220	-1.191	-0.3648	-1.005	-0.2248	-0.5942	-0.7248		-0.3008	-0.9142
1221	-0.8304	-0.1344	-0.8744	-0.8644		-0.2544	0.04688	-0.1903	-1.034
1222	-0.5157	-0.4297	-1.08	-0.8697	-1.409	-0.2697		-0.8456	-1.559
1223	0.344	0	0.16	0.22	-0.8294	-0.01	-0.2087	-0.4759	-0.9094
1224	-0.9337	-0.1377	-0.6677	-0.8377	-0.4471	-0.2677	-0.7765	-0.7137	-1.247

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1225	0.5096	-0.7044	-0.9444	-1.294	-1.064	-0.5744	-0.1531	-0.4103	-1.204
1226	-1.45	1.056		-1.354	-0.4934	-1.194	-1.103	-0.73	-0.6234
1227	-1.634	0.9124	-0.8076	-0.9476	-0.297	0.0124	-1.066	-0.7335	-1.717
1228	-0.686	-0.19	-1.7		-0.3294	-0.16	-0.8787	0.004062	-0.5094
1229		0.3884	-0.09164	-0.3416	-0.741	0.1084	0.01961	0.01242	-0.661
1230	0.0323	-0.6617	-0.9717	-0.8817	-0.8211	-0.8617	-0.09047	0.4523	-0.1111
1231	-0.1091	-0.1231	-0.9731	-0.8531	-0.9425	-0.8831	-0.001875	0.4609	-0.4325
1232	-0.00668	-0.1807	-0.8507	-0.8407	-0.8701	-0.7007	0.3005	0.6334	-0.2101
1233		0.7	0.7	0.98	-1.179	1.51	0.3813	0.5441	-1.229
1234	-0.04598			0.02	-0.3794	0.83	0.09125		-0.8094
1235		-0.7885	-0.5485	-0.1585	0.2321	-1.179	-0.04727	-0.2345	-0.6379
1236	-0.6346	-0.2686	-0.7086	-0.4386	-0.738	-0.3386	-0.2873	0.1655	-0.758
1237		-0.44	0.86	0.57	1.291	-2.29	-1.389	-1.206	-2.079
1238	0.404	0.1	-0.03	-0.01	-0.4894	0.04	-0.09875	-1.256	0.4506
1239	0.4156	0.5316	-0.5984	-0.03844	-0.08781	-0.04844	-0.1772	0.1756	-0.05781
1240	-0.6758	-0.5198	-0.4798	-0.5398	-0.2492	-0.2098	-0.2886	-0.1158	0.6108
1241		0.01	-0.02	-0.17	-0.2194	-0.75	0.8813	1.654	3.871
1242	-0.1335	-0.2975	0.1225	-0.1175	0.3431	-0.4675	-0.2263	-0.2434	2.173
1243	-1.405	-0.4492	-0.06922	0.07078	0.8814	0.2008	0.232	0.2248	-0.02859
1244	1.787		-0.05688	-0.4669	-0.1662	-0.6969	-0.1256	0.9372	0.7737
1245	2.367	0.7827	0.3827	0.1927	0.2634	1.153	0.414	0.5768	0.1434
1246	1.244	-0.09	0.06	0.49	-0.4894	-0.45	-0.7187	-0.2759	0.06062
1247	0.654	0	6.43E-09	0.1	0.3706	0.18	0.8913	0.1441	-0.2394
1248	2.994	0.56	0.19	-0.09	1.241	0.33	0.1513	0.5841	-0.5394
1249	0.744	-0.06	0.18	0	-0.009375	0.26	-0.6188	-0.1159	0.1606
1250	0.992	0.04797	-1.492	-1.282	-0.6214	-0.942		-1.228	0.4286
1251	0.007266	-0.3568	-0.02676	-0.1468	0.3539	-0.4268	-0.05551	-0.0727	0.4939
1252	-0.005977	-0.17	0.11	0.01	0.2106	-0.84	0.1013	0.2341	1.131
1253		0.225	0.365	0.395	0.7756	-0.335	-0.1437	-0.4009	0.1556
1254	-0.07598		-0.09	-0.11	0.7406	-0.54	0.05125	0.7941	0.4306
1255	1.069	-1.045	-0.0351	0.0849	-0.5145	0.3049	-0.2238	0.279	0.9155
1256		-0.62	0.88	1.27	0.4606	0.26	-0.7687	-0.2659	-0.1594
1257	1.734	0.59	0.65	0.93	0.3606	1.78	0.3913	1.534	0.3206
1258	0.8971	-0.04687	1.043	0.9131	0.1538	0.4131	-0.1356	0.9472	0.3138
1259	1.231	0.2667	0.5667	0.7567	0.3273	0.7467	-1.082	0.0007812	3.407
1260	0.6588	-0.3252	0.5848	0.5648	-0.4346	0.8448		-0.2211	0.3054

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1261	0.479	-0.305	-0.055	-0.295	0.1056	-0.575	-0.01375	-0.3509	-0.1244
1262		-0.292	-1.062	-0.182	-1.081	-1.162	-0.3207	-0.3579	3.559
1263	1.444	-0.09	-0.04	-0.18	-0.3594	0.36	-0.02875	0.6441	0.06062
1264	0.5815	-0.3725	0.0375	-0.0825	-0.1219	-0.1225	0.05875	0.1016	0.6981
1265	0.01887	-0.4852	-0.8352	-0.5352	-0.3245	0.1348	-0.1039	0.06891	1.155
1266	1.888	-0.01563	-0.01563	-0.09562	-0.865	-0.3056	0.01563	-0.07156	0.475
1267	0.2884	0.01437	0.2844	0.6244	-0.135	-0.09563		-1.452	1.225
1268	0.5496	0.8156	0.7756	0.4856		-0.1844	0.1369	0.3497	2.056
1269	0.02316	0.2991	0.2991	0.1091		-0.5609	0.1404	-0.0868	2.31
1270	0.5933	0.2793	-0.5307	-0.2207	-0.6701	-0.3707	-1.119	-0.3266	0.01992
1271	-0.246	-0.43	0.5	0.4	-0.4394	0	-0.2087	0.1241	0.09062
1272	-2.166	-1.89	-6.43E-09	-0.22	1.011	0.48	-1.009	-1.816	2.091
1273	0.9096	0.01563	0.9456	0.8856	0.6863	0.5556	0.1169	-0.2503	0.8263
1274	1.433	-0.03125	0.3687	0.5988	0.01938	0.6688	0.79	0.4428	1.569
1275	1.497	-0.1675	0.5525	0.6725	0.2031	0.1425	-0.1762		1.203
1276		-0.2613	0.1387	0.4988	0.3494	-0.05125	0.61	0.4528	0.7794
1277	2.696	-0.548	-0.568	-0.358	-0.6374	-0.368	-0.9968	0.326	1.303
1278	3.014	0.27	-0.09	-0.12	-0.05937	0.05	-0.5787	0.5341	1.671
1279	0.1396	0.01562	-0.1244	-0.3244	0.2263	0.4056	-0.6231	-0.1603	-0.08375
1280	1.122	-1.362	-1.042	-1.162	-0.08184	-1.112	-0.5712	-0.2484	0.7082
1281	2.004	-0.35	-0.6	-0.31		-0.29	-0.3987	-0.07594	-0.09938
1282	1.334	0.25	-0.78	-0.74	-0.5194	-0.26	-0.06875	-0.8159	-0.04938
1283	0.6079		-0.3261	-0.3861	-0.05547	0.4139	-1.205	-1.022	-1.055
1284	1.385		-0.3789		0.1917	0.7711	0.2623	0.4152	-0.3683
1285	0.33	0.2559	0.2359	-0.04406	-0.4134	0.4059	-0.02281	-0.26	-0.2534
1286	-0.008477	0.6375	0.7875	1.048		-0.4025	-0.4512	-0.7784	1.278
1287	0.7884	0.004375	0.1644	0.01438	-0.435	-0.03563		-0.5516	-0.835
1288	1.164	-0.52	0.47	0.31	-0.3994	0.96	-0.2387	0.07406	-1.099
1289	1.404	0.24	0.27	0.15	0.4006	0.33	0.08125	-0.1259	0.4006
1290	1.029		0.3048	0.2948	-0.6446	-0.005195	-0.9839	-1.371	0.2854
1291	2.719	0.1645	0.5845	0.7745	0.02516	0.8045	-0.3842	-0.6014	-0.01484
1292	0.5562	0.1522	0.08219	-0.1778	-0.5572	-0.5278	-0.5566	-0.4938	-0.2772
1293	0.5682		-0.5859	-0.5159	-0.06523	-0.1559	0.2154	-0.0918	-0.3652
1294	1.719	-0.2645	-0.2345	-0.2145	-0.6039	-0.1345	-0.7333	-0.6505	-0.5139
1295	0.4284	0.2844	0.09437	-0.02562	-0.025	0.1644	-0.1344	0.1684	-0.265
1296	-0.6557	-0.6397	1.52	1.49	0.6009	-0.6197	-0.7084	-0.3956	-0.3091

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1297	-0.426		1.29	1.05	0.3606	1.02	-0.9487	-1.206	-1.809
1298	-0.256	-0.04	1.31	1.29	0.2706	1.55	-0.7487	-1.386	-1.389
1299	-1.087		2.049	1.849	-0.000625	0.8287	-0.94	-0.8872	-0.8706
1300		0	2.07	2.28		1.34	-0.3687	-0.2559	-0.4094
1301	0.7289		0.2249	-0.4851	0.005547	0.04492	0.4562	0.269	0.1955
1302	0.9114	-0.9727	1.267	1.147	0.158	0.8573	-0.8014	-1.149	-1.462
1303	2.74		0.7159	0.7859	0.4566	0.7559	-0.1628	-0.05	-0.7634
1304	1.333	0.07937	0.2494	-0.01062	-0.46	0.6194	0.01062	-0.3266	0.27
1305	1.417	-0.327	-0.777	-0.317	-0.2264	-0.08703	-0.1458	-0.513	1.834
1306	0.3365	0.3125	0.3725	0.3925	0.4231	0.2825	0.1338	0.4566	-0.2669
1307	1.155	-0.2395	-0.3295	0.05055	-0.7488	-0.07945	-1.118	-0.4154	1.251
1308	0.6564	-0.4876	-0.4676	-0.0676	-0.487	-0.3476	-0.8863	-1.304	0.523
1309	0.9415	0.2275	-0.3025	-0.3025	-0.8919	-0.1725	0.3888	0.9816	-0.001875
1310	1.89	-0.5837	-0.4037	-0.4537	-0.6031	-0.4237	-0.9325	-0.2697	0.1169
1311	-0.6897	1.256	-0.06375	0.03625	0.3969	1.676	0.6475	0.3003	-0.4131
1312	-0.6626	0.5134	0.2334	0.3434	-0.416	1.923	0.8246	0.2975	-0.726
1313	-1.352	-0.3664	-0.4464		0.2542	0.05359	-0.5052	0.01766	-0.5158
1314	-2.324	-1.138	-1.258	-1.268	0.1327	-1.018	-0.4266	-0.01383	-0.2573
1315	-0.176	-0.56	0.52	0.41	-0.3094	-0.41	-0.2987	-0.1459	-1.229
1316	-0.991		-0.905	-0.395	3.116	-0.415	0.1563	0.7191	-0.1644
1317	-3.174	0.2516	0.5216	0.4116	3.592	1.482	-0.1472	-1.384	-1.478
1318	-0.6193	0.09672	0.2667	-0.06328	1.277	0.8567	-0.362	-0.2492	-0.5327
1319		-0.262	0.218	-0.152	0.4587	-0.03195	0.7493	-0.8079	0.4687
1320	0.06973	0.7257	0.5057	0.6557	0.9163	0.5457	-0.603	-0.7302	-0.6837
1321	-0.5414	-0.1355	-0.3455	-0.3855	0.9052	0.4645	0.2958	-0.1014	-0.7048
1322	0.5326	0.08859	-0.3814	-0.1414	-0.7008	0.01859	-0.4802	-0.5373	0.3392
1323	1.241	-0.1028	-0.4028	-0.1728	-0.6422	-0.2128	-1.262	-0.6188	0.8778
1324	-1.246	-0.08	2.28	1.96	1.961	0.12		-0.3659	0.2906
1325	-0.2199	0.9561	0.6761	0.9061	0.3767	0.4861	0.09734	0.3602	-0.6033
1326	-0.516	-1.14	-6.43E-09	-0.13	-0.4694	0.09	0.03125	0.2741	0.8706
1327	0.1879		0.1539	0.03391	-0.5455	0.8439	0.5252	0.298	-0.2455
1328	-1.652	-0.1563	0.6737	0.4638	0.7844	0.1338	0.525	-0.1822	1.854
1329	1.753	-0.1513	0.5787	0.7588	-0.000625	0.06875		2.693	0.6594
1330	0.9597	-0.2943	-0.5043	-0.2143	-0.1737	-0.0843	-0.09305	3.83	
1331	-1.349	-0.3933	0.9267	0.6367	0.06734	-0.1833	-0.152	0.0007812	-0.1827
1332	0.1553	-0.2388	1.941	1.781	1.612	0.4113	0.1125	-0.1947	-0.2481

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1333	-0.2304	-0.1244	0.7456	0.6556	-0.4237	0.1156	-0.9431	-0.3303	0.3062
1334	-0.4338	0.7122	-0.1278	0.4722	0.02281	0.9922	-0.3766	0.3962	-0.7972
1335	1.022	-0.02195	-0.562		-1.001	-0.172	-0.1007	-0.1579	-0.4813
1336	1.076	-0.05773	-0.4777	-0.5177	3.763	-0.2077	0.9935	-0.01367	-0.09711
1337	1.448	-0.7456	-0.8156	-0.6156	0.115	-0.2656	-0.8644	-0.9216	0.405
1338	0.6086	-0.2055	1.195	1.185	1.025	-0.2355	-0.4842	-0.4814	0.01516
1339	0.8584	-0.4156	0.1144	0.01438	-0.015	0.05437	-0.3444	0.3084	0.035
1340	1.754	1.21	0.64	0.17	0.3906	0.61	-0.7687	0.7741	-0.06938
1341		0.408	0.128	0.228	0.2386	-0.242	-0.3108	0.752	-0.01141
1342	-0.4416	0.9744	0.1844	0.3444	-0.045	-0.8656	-0.06437	-0.2916	-0.525
1343	-0.246	0.67	-0.12	0.84	-0.09937	1.69	-0.07875	-0.2559	0.2706
1344	0.648	0.04398	-0.306	-0.966	-0.2554	-0.316		-0.752	0.2646
1345	0.2091	0.165	-0.115	-0.275	0.7157	0.945	-0.2637	0.3191	-0.2443
1346	2.04	-0.3742	-1.214		-0.8336	-0.3142		-0.9101	-1.264
1347	-0.4575	-1.542	-0.8815	-1.092	-0.0809	-0.8715			-0.8709
1348	-0.6463	-0.3904	-0.3804	-0.3504	-0.7897	0.03965	0.7509	-0.5863	-0.8497
1349		2.309	0.1394	0.05938	0.01	-0.01063	0.6606	0.5634	0.21
1350		0.2198	0.4198	0.5298	-0.1196	-0.7902	0.6311	-0.3461	1.54
1351	-0.871	-0.235	-0.425	-0.745	-0.7644	-0.775		-0.2209	-1.344
1352	-0.353	-0.557	-0.777	-0.627	-0.7264	-0.07703	-0.6258	-0.763	-2.406
1353	0.8679	0.1139	-1.116	-0.08609	0.7145	-0.1661	-0.7248		0.4245
1354	0.299	-0.745	-0.555	-0.515	-0.6244			-0.6809	-1.504
1355	-0.396	-0.05	-0.55	-0.64	0.1806	-0.16	-1.139	-1.026	-1.039
1356	-0.46	-0.04406	-0.7541	-0.7041	0.01656	-0.2741	-0.8428	-1.12	-1.103
1357	-1.331	0.375	0.885	1.095	0.7656	0.115	-0.3537	-2.181	-0.7644
1358		1.582	-0.9376	-0.2476		0.3224	0.01365	-0.3635	
1359	-0.6077	0.2783	0.5183	0.2183	-0.3311		-1.3	-1.458	-1.471
1360	0.734	-1.14	-0.89	-0.84	-0.5294	-0.14	-1.249	-0.6659	-1.879
1361	1.633	-0.2513	0.06875	0.01875	-0.000625	0.3487	-0.48	-0.3572	-0.4706
1362	0.264	-0.21	0.62	0.56	0.1406	-0.2	-0.6087	-0.8859	-0.7894
1363	0.563	-0.311	-0.161	-0.491	-0.7104	0.309	-0.4498	-0.807	-0.9804
1364	0.714	-1.27	0.34	0.36	-0.8994	1.08	0.03125	-1.476	-1.299
1365	1.093	0.0393	-0.6407	-0.7207	-1.23	-1.001	0.3005	0.5334	1.64
1366	0.9313	0.007266	-0.06273	0.4473	0.1079	-0.4927	-0.2015		0.4079
1367	0.974	-0.03	-0.34	-0.17	-0.9894	0	1.151	0.4041	0.8206
1368		-0.205	-1.105	-0.325	0.1656	-0.175	-0.5037	-0.6709	-0.1244

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1369	0.6911	-0.09293	-0.5429	-0.4629		-0.6829	-0.1317	0.05113	0.0977
1370	0.01402	-0.68	-1.28	-1.34		-0.47	-0.1487	0.1841	-0.06938
1371	0.904	-0.38	-1.11	-1.01	-1.269	-0.13	-0.3187	-0.5959	-0.7694
1372	0.159	-0.925	-0.645	-0.795	-1.004	-0.805	-0.3837	-0.3309	0.1056
1373	-1.116	-0.01	-0.04	-0.28	-0.3994	0.5	-0.5987	-0.5159	-0.3094
1374	0.519	-0.095	-0.475	-0.485	0.2156	0.385	0.4263	0.8591	-0.6044
1375	0.954	0.06	-0.52	-0.36	-0.02937	0.43	0.7513	1.164	-0.4994
1376	0.4404	-0.6736	-0.5636	-0.2736	-0.933	-0.4636	-0.4823	-0.1795	-0.893
1377		-0.3675	0.3725	0.3825	-0.2269	0.4825	-0.7263	-0.5534	-0.7569
1378	0.32		0.04594	-0.2041		-0.1841	-0.06281	-0.53	0.1066
1379	0.1788	-0.5752	0.1648	-0.3252	-0.9446	-0.4552	-1.064	-0.6711	-0.00457
1380	0.549	-0.405	-1.745	-1.845	0.05563	-0.835	-1.274	-0.9209	-0.2444
1381	1.913	-0.1613	0.6287	0.7588	-0.2206	0.8688	0.19	0.7128	0.04937
1382	1.08	0.1756	1.206	1.276	-0.1637	0.7256	1.417	1.54	0.5462
1383	0.554	-0.39	-0.19	-0.22	1.801	0.07	-0.4487	0.01406	-0.3594
1384	1.714	-1.25	-1.31	-1.1	-0.6294	-0.46	-0.7687	-0.6359	1.801
1385	1.684	-0.49	0.42	0.55	0.1106	0.37	-0.6587	-0.6659	1.811
1386	0.4256	-1.028	-0.6084	-0.6284	-0.4478	-0.08844	-0.1672	-0.2544	0.8722
1387	1.604	-0.52	-0.38	-0.09	1.751	-0.21	-0.6587	-0.1859	1.031
1388	2.293	-0.04063	-0.09063	-0.1306	1.11	0.2594	-0.7494	0.1734	1.14
1389	0.6478	-0.03625	-0.6962	-0.2962	0.5644	-0.9362	-1.325	-0.08219	-0.1256
1390	-0.2061	-0.9002	-1.46	-1.37	-1.18	-0.9702	-0.6589	-0.09609	-0.6495
1391	0.1987	-0.4654	-1.085	-0.6154	-0.6747	-0.2354		-0.2313	-0.7847
1392	-0.2972	-0.7013	-1.401	-1.381	-0.000625	-2.081	-0.51	0.1028	-0.8006
1393	0.5834	-0.6606	-1.621	-1.911	-1.03	-1.251	-0.4694	-0.3666	-0.81
1394	0.43	-1.194	-1.524	-1.474	-0.9234	-1.324	-0.9928	-1.1	0.2066
1395	0.304	-0.25	0.42	-0.01	0.09063	0.41	-0.1587	-0.1559	0.1206
1396	0.124	-0.19	0.59	0.23	0.2706	0.56	-0.1087	-0.1759	-0.3494
1397	0.409	-0.755	-0.055	-0.245	-0.1544	0.025	-0.4537	-0.09094	-0.3944
1398	0.07137	-0.4927	-1.493	-1.493	-0.402		-0.3514	-0.008594	-1.312
1399	2.572	0.4778	-0.4822	-0.7922	0.2284	0.1878	-0.2209	-0.2881	1.648
1400	1.159	-0.1652	-0.2352	-0.1852	-0.09457	-0.1952	-0.5539	-0.4711	0.06543
1401	0.844	-0.17	-1.16	-1.11	-0.5294	-0.75	-0.02875	-0.06594	0.2106
1402	-0.7344	-0.3484	-0.7584	-1.018	-0.8778	-0.9284	-0.8072	-0.8844	-0.6378
1403	2.264	-0.4	-0.13	0.19	-0.7494	-0.11	-0.4487	-0.03594	0.5406
1404	0.5901	-0.3039	-0.7739	-0.5839	-0.6133	-0.8139	-0.3227	-0.6298	0.3167

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1405	0.466	-0.228	-0.468	-0.458	-0.4074	-0.678	-0.4068	-0.324	0.4426
1406	0.9834	-0.5106	-1.011	-1.031	0.73	-0.9806	0.000625	0.4934	0
1407	1.384	-0.18	-0.54	-0.57	-0.3594	-0.87	-0.5187	-0.08594	0.6006
1408	0.1568	0.4528	-0.5972	-0.7372	-1.047	-0.9172	-0.7359	-0.5731	-0.2266
1409	0.7545	-0.01953	-0.7395	-0.5895	-0.07891	-0.9495	0.001719	-0.3055	-1.009
1410	0.7024		-0.7716	-0.5216	-1.061	-1.412	0.1496	0.02242	-1.551
1411	0.644	0.04	-1.43	-1.44	-0.4794	-1.8	-0.09875	0.1441	-1.699
1412	0.67	-1.074	-2.014	-1.754	-0.9934	-1.454		-0.49	-0.3034
1413	0.4097	-0.9743	-1.154	-0.9943	-0.3037	-0.6943	-0.893	-0.4802	-0.2337
1414	1.468	-0.7461	-1.476	-1.276		-0.9661	0.01516	-0.132	-0.5155
1415	1.049	-1.085	-1.565	-1.485	-0.6744	-1.055	-0.3037	0.1791	-1.874
1416	0.7165	-1.498	-1.398	-1.278	-0.7069	-1.558	-0.5063	-0.1034	-1.657
1417	0.03965	-0.5144	-1.324	-1.474	-1.104	-0.8444	-0.7131	-0.6803	-1.164
1418	1.098	-1.036	-0.6556	-0.6856	-1.105	-0.8356		-1.442	-1.365
1419	1.213	-0.9913	-2.011	-1.381	-0.5706	-0.8912	-1.19	-1.217	-0.8906
1420	0.7262	-0.5278	-1.078	-1.498	-1.047	-1.008	-1.047	-0.9038	-0.8272
1421	0.5528	-1.061	-1.741	-1.431	0.2094	-1.061	0.12	-0.1372	-0.5406
1422	-0.394	-0.518	-0.518	-0.828	-0.5874	-0.698	-0.6468	-0.474	-0.2574
1423	1.519	-0.715	-1.445	-0.965	-1.304	-1.055	-0.4837	-0.4909	-0.8944
1424	1.252		-1.483	-1.072	-0.6719	-1.302	-0.7912	-0.4384	-0.5319
1425	0.654	-0.75	-0.63	-0.59	-0.3394	-1.25	-1.259	-1.386	0.8906
1426	0.8601		-0.8939	-0.8839		-1.254	-1.723		-2.063
1427		-1.54	-1.41	-1.81	-1.369	-1.26	-0.7287	-0.6559	-0.5494
1428	0.3012	-1.673		-1.863	-1.392	-1.303	-1.342	-0.7488	-0.8922
1429	0.3151	-1.589	-2.089	-1.899	-0.2783	-1.189	-1.268	-0.7948	-0.7383
1430	1.389	-0.7455	-0.1455	-0.2655	-0.2248	-0.09547	-0.3542	-0.2714	0.8352
1431	1.255	0.2614	-0.01859	-0.09859	-0.428	-0.3886	-0.4673	-0.5145	-0.03797
1432		-1.84	-0.67	-0.96	-0.5194	-1.04		-1.036	-0.7294
1433	0.234	-0.65	-1.07	-0.54	-0.6894	-0.07	-0.5287	0.2241	-1.449
1434	1.214		-1.05	-1.09	-0.5691	-0.3197	-1.238	-0.2356	-0.3991
1435		-0.7484	-0.3484	-0.1184	-1.198	-0.2984		-0.1944	-1.038
1436	0.36	-0.5541	-0.8341	-0.7841	-0.4234	-0.6041	-0.5328	-0.8	-0.03344
1437	-0.1493	-0.9233	-0.5333	-0.2333	0.1073	-0.7233	-0.382	0.0007812	0.1973
1438	0.6703	0.1762	-0.5238	-0.1837	-0.7131	0.3163	-0.1125	0.06031	1.047
1439	0.6642	-0.009844	-0.3998	-0.4898	-0.4492	0.1802	-0.3286	-0.07578	1.171
1440	0.624	-0.65	-0.73	-0.29	-0.6394	0	-0.5087	0.2641	0.4006

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1441	1.253	-0.7207	-0.7007	-0.8007	0.4599	-0.1707	-0.03945	0.3734	0.2399
1442	1.468	-0.2065	-0.2565	0.1435	0.8042	-0.5565	-0.06521	0.3576	0.4242
1443	1.748	-0.6856	-0.5756	-0.9456	-0.775	-0.4356	0.6256	0.5484	1.115
1444	-0.6329	0.233	0.473	0.213	0.3437	0.103	-0.0657	-0.4829	0.06367
1445	0.925	-0.689	-1.379	-1.409	-0.3984	-0.289	-0.7778	-0.8249	0.5516
1446	1.374	-0.8	-1.48	-1.12	-1.179	-0.33	-1.329	-0.6459	0.4106
1447	0.9546		-1.149	-0.6195	-1.109	-0.5495	-1.298	-0.6754	0.1412
1448	1.043	-1.101	-1.401	-1.091	-1.02	-0.6209	-0.8396	-0.5168	0.05973
1449	0.6568	-1.287	-1.287	-1.267	-1.107	-0.3272	-0.09594	0.3569	0.3034
1450	0.624	-1.07		-1.5		-1.12	0.3913	-0.3759	-0.5994
1451	0.724	-0.32	-0.33	-0.15	-0.4294	-0.21	-0.1687		0.6506
1452	-0.7049	-1.149	0.7611	0.7211	-0.7483	-0.7189	-0.7577	-0.6148	2.422
1453	-1.159	0.2272	-0.6328	-0.5128	-0.8722	-0.6328	-0.1716	-0.8288	1.058
1454	0.324	-0.19	-0.47	-0.36	-0.8194	-0.91	-0.8187	-0.8359	0.2206
1455	1.852	-0.1622	-1.062	-0.9222	-0.7916	-0.5722	-0.1409	-0.09813	-0.9216
1456	0.3643	-1.01	-1.25	-0.8197	-0.6591	-1.17	-0.4284	-0.2656	-0.6091
1457	-0.926	-0.86	-0.12	-0.1	-0.1994	-0.9	-0.7587	-0.6859	-0.1194
1458	-0.176	-1.44	-0.69	-0.77	-0.1594	-0.25	-0.7487	-0.06594	-1.309
1459	0.4628		-1.451	-0.8612	-1.381	-0.8112	-0.11	0.05281	-1.071
1460	0.134	-0.7	-1.74	-1.61	-0.5794	-1.38	-0.3987	-0.005938	-1.569
1461	0.2097	-0.8143	-0.2843	-0.4843	-0.05367	-0.6443	-0.06305	-0.6702	-1.004
1462	-1.606	-0.66	-0.29	-0.69	-0.3894	0.37	-0.5187	-0.7159	-1.419
1463	0.3265	-0.3175	-1.338	-1.338	-1.767	-0.8975	-0.2863	0.08656	0.3531
1464	0.3752	-0.5289	-0.5689	-1.179		-0.8289	-0.6176	-0.4248	0.05176
1465	-0.6666		-0.04062		-0.4	-0.4906	-0.6094	-0.1266	0
1466	2.201	0.2873	-0.5027	-0.5427	-0.4721	-0.8927	-0.6815	-0.5187	-1.972
1467	1.874	-0.1597	-1.35	-1.13	-0.8491	-0.4897	-0.5184	-0.4856	0.05094
1468	0.1728	0.4287	-0.1113	-0.2712	-0.000625	0.1987	-0.13	0.5128	-1.991
1469	0.714	-0.09	-0.33	-0.42	0.7606	-0.17	-0.2087	0.3741	-2.479
1470	2.56		0.6255	1.106	1.376	1.036	1.137	0.5896	-0.6438
1471	0.744	0.66	0.46	0.39	0.8106	1.15	0.5413	0.1041	-0.5794
1472	0.04715	-0.5569	-0.6769	-0.2469	-0.4362	-1.017	-0.7756	-0.7228	-0.07625
1473	-0.2172	-1.181	-1.141	-1.251	-1.231	-0.3712	-0.26	-0.2572	-0.04063
1474	-1.265	-0.8689	-0.6589	-0.4889	-1.818	0.1311	-0.7777	0.2252	-0.2583
1475	-0.01598	-0.21	-0.54	-0.59	-0.03937	-0.18	0.06125	0.5641	-0.2494
1476	1.124	-1.01	-1.03	-1.22	0.1606	-0.47	0.1113	0.5441	-1.379

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1477	0.9428	-0.7613	-0.5813	-0.4612	0.3894	-1.171	0.59	1.593	-1.011
1478	-0.1547	0.4312	0.6112	0.8713	1.342	0.8613	0.2625	1.205	-1.068
1479	0.5588	0.0248	0.8148	0.6948	0.7254	0.4348	0.5861	0.8489	-0.6746
1480	-1.034	-0.4878	-0.01781	-0.09781	-0.4872	0.5022	0.5734	0.2462	-0.8472
1481	0.09402	-0.13	-0.59	-0.72	-0.1894	-0.58	0.5613	0.07406	0.4706
1482	0.3551	-0.04891	-0.3289	-0.2489	-0.07828	-0.8989	0.6223	-0.08484	0.5317
1483	-0.436	0.03	-0.09	-0.05	-0.2794	0.67	0.8513	0.8941	-0.6294
1484	0.8364	-0.3777	-0.4077	-0.4377	-0.02703	0.3223	-0.07641	0.03641	-0.627
1485	-0.4821	-1.156	-0.5961	-0.4661	-0.7955	-0.02609	-1.365	-0.512	-2.195
1486	0.889	-0.325	-0.005	0.035	-0.1044	0.515	-0.2537	0.1591	-0.3444
1487	0.482		-0.412	-0.572	-0.9414	0.138	0.05922	-0.178	0.6486
1488	-0.781	-0.475	-0.115	-0.115	-0.7044	0.485	-0.1737	-0.2909	0.9156
1489	0.516	0.342	0.03195	-0.05805	0.2226	0.612	0.6232	0.226	-0.1174
1490	0.8537	-0.01035	-0.7604	-1.03	0.2903	-0.6804	-0.4091	-0.5563	-0.5997
1491	-0.355	-1.639	-0.01898	0.131	-0.4484	-0.929	-0.9177	-0.6949	0.1716
1492	0.824	0	-0.85	-0.87	-0.3294	-0.53	0.01125	0.5741	-0.5494
1493	0.564	-0.53	-0.96	-1.08	-0.9194	-0.68	-0.2387	-0.7659	1.031
1494	-0.736	0.21	-0.52	-0.56	-0.5194		-0.01875	-0.08594	1.211
1495	-1.028	-0.5516	-0.6716	-0.6416	-0.331	-1.052	0.3696	0.1024	1.689
1496	0.3888	-0.1352	-0.7752	-0.4252	-0.2546	-0.7752	-0.3139	0.1089	-0.4846
1497	0.8582	0.06422	-0.7158	-0.4858	-0.5952	0.5442	-0.3145	-0.8717	-1.825
1498	0.544	-0.85	-0.86	-0.71	-1.119	-0.45	-0.2987	-0.6059	0.06062
1499		-0.2982	-0.6482	-0.3182	0.002402	0.04178	0.133	-0.04416	-0.3676
1500	0.3953	-0.1788	0.05125	0.1413	0.6619	-0.4587	-0.6475	-0.5347	-0.8281
1501	0.114	-0.58	0.76	0.91	-0.3294	-0.68	-1.449	-1.146	-0.7494
1502	0.8439	-0.5101	-1.12	-1.07	-1.909	0.1399	-0.4189	-0.9961	-2.179
1503	1.004	0.1	0.52	0.27		0.16	-0.09875	-0.09594	-0.5194
1504		-0.3706			-0.23	-0.7306	-0.04937	-0.1166	0.05
1505	1.284		0.56	-0.12	1.051	1.09	0.04125	0.4241	-1.249
1506	1.409	0.915	0.245	-0.275	1.096	0.765	-0.1737	0.4491	-0.9344
1507	-0.586	-1.05	-0.71	-0.73	0.2306	0.25	0.05125	0.1841	-1.969
1508	-0.5485	-0.2125	0.0975	-0.0825	-0.1219	0.7075	0.3888	0.5216	-1.032
1509	0.4571		-1.517	-1.467	-0.5762	-0.4869	0.02438	0.8272	-0.1063
1510	-1.308	1.158	-0.6425	-0.3825	-0.04187	0.9075	-0.9112	0.7816	-2.052
1511	0.5528	0.09875	-0.2513	-0.1212	-0.000625	-0.2913	-0.44	-0.04719	-0.8806
1512	-0.466	-0.03	0.03	0.16		-0.08	-0.4387	-0.1059	0.04063

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1513	-0.3572	-0.1513	0.03875	-0.1612	0.01938	-0.09125	-0.28	-0.5772	0.03937
1514	-0.1304	-0.2344	-0.2944	-0.3044	0.3263	-0.02437	0.6569	0.5597	0.05625
1515	0.01152	0.2775	0.2675	0.2675	0.3781	-0.0025	-0.6112	-0.5984	0.2081
1516	-0.4022	0.4937	0.2037	0.05375	0.3944	0.03375		-0.6522	-0.2456
1517	-1.104	-0.598	-0.578	-0.348	-0.9974	-0.608	-0.9368		-1.227
1518	0.3311		-0.8929	-0.8429	-0.0923	-1.223	-0.4617		-0.5423
1519	-0.04949	0.2665	-0.7435	-0.8335	-0.8229	-0.7335	-0.5123	0.01055	-0.9229
1520	0.001211	-1.223	-1.983	-1.753	-0.9422	-2.263			-1.172
1521	0.06418	0.3602	0.02016		-0.2392	-1.64	-0.2186	-0.5258	2.941
1522	-0.3399	0.006094	0.1861	0.2661	0.006719	-0.1739	-0.6827	-0.3498	-0.7333
1523	0.794	0.21	0.63	-0.27	0.4106	-0.23	-0.02875	0.03406	-0.1394
1524	0.5679	-0.3961	-0.1861	-0.3661	-1.345	-0.5461	-0.3848	-1.062	-1.045
1525	-0.2167	-0.2107	-0.0407	0.2993	-0.5501	0.6693	-0.6795	-0.7666	-0.6101
1526	-0.8438	-0.3378	-0.2478	-0.1878	0.1228	-0.007812	-0.5766	0.08625	-0.1072
1527		-0.6913	-0.5713	-0.4913	-0.6907		0.9799	1.313	-1.901
1528	0.6079	-1.416	0.1739	0.1839	-0.9755	-0.5861	3.495	0.708	-1.075
1529	-0.8749		-0.2289	-0.1489	-1.248	0.09109	0.1623	-0.03484	-1.348
1530	-0.1786	-0.09266	-0.4827	-0.4527	-0.732	-0.4327		-0.1186	-0.332
1531	0.5132	-0.7409	-1.611	-1.931	-1.01	-1.481	-0.1696	0.1832	0.2098
1532	0.154	0.25	-1.13	-0.82	-0.7894	-1.55	-0.5387	-0.3059	0.3006
1533	0.8384	-0.8656			-0.795	-0.9256	-0.9144	-0.7016	-0.655
1534	0.834	-0.97	-1.41	-1.18	-0.6294	-0.97	-1.129	-0.5959	-0.7394
1535	0.1209	-1.043	-1.263	-1.213	-0.4225	-1.713	0.008125	-0.5891	0.2575
1536	0.7499	-0.6241	-0.7841	-0.7341		-0.3241	-0.7629	-0.7601	-1.994
1537	-0.08566	-0.7897	-1.36	-1.26	0.1409	-0.06969	0.1116	-0.5256	-0.3791
1538	-0.5647	-0.1288	0.6212	0.6613	-0.07813	0.7512	0.1825	0.1353	-1.798
1539	-0.4522	-0.1363	0.6637	0.6438	-0.6856	0.5938	-0.055	0.1478	-1.716
1540	-0.1601	-0.03414	0.06586	0.01586	-0.6435	0.2459	0.3571	-0.01008	-1.354
1541	0.6084	-1.736	-1.776	-1.286	-1.575	-0.9356	-0.4244	-0.1216	-1.495
1542	0.001211	-0.9528	-1.023	-1.443	-0.5322	-0.5528	-0.2816	-0.2388	0.6078
1543	-0.1212	-0.6652	-0.5952	-0.6852	-0.9646	-0.3052	0.3561	0.5289	-1.375
1544	-0.316	-1.02	-0.4	-0.25	-0.4094	-0.02	0.9613	1.064	-1.209
1545	-0.1072	-1.071	-0.7813	-0.6612	-1.001	-0.1112	1.01	1.233	-1.361
1546	0.2179	-0.6461	-0.4561	-0.5561	-0.3555	-0.3361	-0.5048	-0.192	-1.605
1547	-1.21	0.04562	-0.3244	-0.04437	-0.3337	0.3756	0.1069		-2.684
1548	0.4021	-0.732	-1.352		-1.421	-0.03195	-1.361	-1.318	-1.601

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1549	0.4628	-0.7813	-2.271	-1.711	-1.411	-1.591	-1.03	-1.297	-0.6906
1550	0.2703	-0.3238	-1.394	-1.284	-0.9631	-1.154	-1.442	-0.9297	0.2969
1551	0.04402	-0.79	-1.94	-2.05	-1.499	-1.76	-0.6287	-0.2159	0.2406
1552	0.7677	-0.3763	-1.116	-0.9763	-0.2457	-0.2263	-0.2051	-0.09227	-0.4657
1553	0.5979	-0.6761	-1.566	-1.106	-0.1555	-0.9061	-0.7348	-0.622	-0.7155
1554	1.204		-1.49	-1.1	-0.9894	-0.1	-0.03875	-0.5759	-1.409
1555	-0.006758	-0.7608	-1.141	-1.271	-1.41	-0.9708	-0.4195	0.06328	-1.14
1556	0.224	-0.46	-1.21	-1.32	-1.199	-0.79	-0.3487	-0.2059	0.000625
1557	0.3778	-1.076	-2.056	-1.566	-1.446	-1.136	-0.675	-0.4022	-0.1556
1558	-0.05098	-0.585	-1.255	-1.225	-0.7244	-0.525	0.07625	0.07906	-0.5744
1559	0.04098	-0.753	-1.033	-0.893	-0.7224	-0.183	0.0882	0.111	-0.7524
1560	0.1491	-1.575			-1.324	-1.485	-0.3436	0.1192	-1.834
1561	-0.2258	-1.39		-2.21	-1.279	-1.61	0.7514	1.324	-1.599
1562	-0.1401	-0.7541	-2.454	-2.084	-1.354	-1.014		-0.07008	-1.394
1563	0.09762	-0.7764	-1.336	-1.146		-0.8464	-0.5352	-0.1623	-1.086
1564	-0.001445	-1.085	-1.835	-2.085	-1.005	-1.715	-0.7042	0.01859	-1.615
1565	-0.05723	-1.441	-2.581	-2.361	-0.7306	-1.591	-0.77	0.4828	-1.361
1566	-0.0402	-1.684	-2.424	-2.194	-0.5636	-1.494	-0.273	0.3698	-1.434
1567	-0.05207	-1.746	-2.216	-2.266	-1.295	-1.196	-1.055	0.03797	-1.065
1568	-0.3588	-0.8128	-0.5628	-0.4828	-1.042	-0.4428		-0.1188	-0.4922
1569	-0.406	-1.85	-2.32		0.9106	-1.79	-0.7887	0.3041	-0.3894
1570	0.5365	0.4125	-0.4975	0.1525	-0.3669	0.2725		0.6966	-0.6469
1571	0.8576		-0.3964	-0.6564	-0.7758	-0.03641		0.7077	-0.4158
1572	1.067	0.5331	-0.4469	-0.7169	-0.07625	-0.01687	0.3044		-0.2663
1573	0.429	-0.705	-1.195	-0.995	-1.314	-0.845	-0.2937	-0.1509	-0.2744
1574	0.214		-1.17		-0.7494	-1.41	-0.7087	-0.7759	-0.6794
1575	0.1768	-1.177	-2.427	-2.427	-0.7666	-1.557	-0.7159	-0.2431	-1.597
1576	0.2168	-0.4972	-1.547	-1.737	-0.3266	-1.107	-0.2659	-0.1331	-0.8566
1577	0.4228	-1.511	-2.201	-2.571	-1.841	-1.231	-1.2	-0.9172	-2.131
1578	0.4501	-1.304	-1.874	-1.734	-0.9733	-1.644	-0.7627	-0.05984	-1.113
1579	-1.745	-1.419	-1.529	-1.689	-1.439	-0.3491	-0.03789	0.004922	-1.199
1580	1.32		-1.754	-1.914	-1.883	-0.3637	-1.282	-0.4297	-1.803
1581	1.164		-2.26	-2.16	-2.269	-0.58		-0.3759	-1.979
1582	-0.336	-1.41	-1.16	-1.24	-1.739	-0.04	-0.5287	0.1041	-1.789
1583	-0.3924	-1.046	-0.9164	-1.016	-2.176	-0.04641	-0.04516	-0.01234	-1.936
1584	0.15	-1.314	-1.744		-0.5834	-1.704	-0.05281	-0.11	-1.143

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1585	-0.186	-0.08	0.19	0.28	-0.1394	0.13	0.1913	0.06406	-0.4094
1586	0.2376	-1.466	-1.076	-0.8664	1.744	-1.066	-0.7352	-0.9923	-0.3958
1587	0.309	-0.545	-0.945	-0.665	-0.8844	-1.115	-0.5637	-0.7809	-0.7144
1588	0.708	-0.6461	-1.566	-1.736	-0.7654	-1.376	-0.9748	-1.172	-2.105
1589	-0.3732	0.9428	-0.6772	-0.6872	-0.2166	-0.5572	-0.03594	-0.2931	-2.427
1590	-0.5104	0.7056	-0.6744	-0.4944	-1.064	-0.7344	-1.523		-2.594
1591	0.5057	-1.658	0.3417	0.2917	-0.3377	-1.398	-0.8971	0.2057	-2.108
1592	0.6096	-0.02438	-0.9244	-0.2644	-0.8137	-0.2844	-2.263	-0.6703	-1.724
1593	1.075	-1.379	-1.679	-1.749	-0.4887	-0.7393	-0.9781	-0.4253	-2.729
1594	0.1568	-0.8572	-2.527	-2.377	-1.567	-1.537	-0.7659	-0.08312	-4.857
1595	-0.2793	-1.493	-0.9033	-0.9433	-1.563	0.1867	-0.242	0.0007812	-2.943
1596	-0.206	-1.56	-1.19	-1.05	-1.969	0.12	0.2213	-0.04594	-3.269
1597		-1.889	-1.299	-1.069	-1.928	0.03109	-0.05766	-0.1848	-3.548
1598	-0.1557	-0.7197	-0.7697	-0.8897	-0.9291	0.3403	-0.03844	-0.4256	-1.629
1599	-1.426		-1.32	-1.47		-0.04		-0.5959	-3.909
1600	-1.216	-1.79	-0.81	-0.89	-2.639	0.43	-0.9987	-0.6259	-3.869
1601	0.002773	-0.00125	-0.2413	-0.6812	-0.9506	-0.1812	-0.23	0.2628	-0.7306
1602	-0.2093	-1.343	-1.993	-1.263	-0.5427	-0.8634		0.5507	-1.023
1603	0.8175	-0.9365	-1.616	-1.666	-2.206	0.04352	0.1548	-0.002422	-0.6559
1604	0.1802	-0.6738	-0.4238	-0.4538	-0.6332	-0.6438	-0.3326	-0.009766	0.0468
1605	0.689	-0.315	-1.275	-1.135	-0.6944	-1.175	0.1163	0.1791	-0.2944
1606	0.4326	-1.511	-1.321	-1.411	0.03922	-0.7414	-0.6202	0.2527	-1.491
1607	0.329	-1.395	-0.485	-0.535	0.5956	-0.875	-0.8437	0.03906	-0.9544
1608	0.149		-1.075	-1.025	-0.02437	-1.005	-0.7637		-0.5844
1609	1.093	-0.5509		-1.531	-1.31	-2.381	0.9103	1.683	-3.35
1610	0.5978	-0.6563	0.3037	0.06375	-0.8656	-0.2462	0.495	0.4878	0.8244
1611		-1.003	-0.6933	-0.9733	-0.7027	-1.093		0.0007812	-1.083
1612	-0.176		-6.43E-09	0.04	-0.7094	-0.42	-0.5187	-0.9059	-1.309
1613	-0.3382	-0.4622	-0.06219	-0.1222	-0.07156	-0.1122	0.3591	0.4019	2.158
1614	0.2979	-0.7861	-0.2261	-0.3761	-0.1555	-0.1261	-0.2948	0.06797	0.9745
1615	0.3899	-0.5841	-0.2341	-0.4341	0.2365	-0.1141	-0.03289	0.4199	1.046
1616	-0.2214	0.1445	-1.395	-1.345	-0.4748	-0.9955	-0.1642	0.008594	-1.495
1617	0.04016	-0.7139	-1.204	-1.214	-0.6132	-0.8039	-0.3026	0.0902	-1.063
1618	-0.1121	-0.3861	-1.536	-1.496	-0.7455	-1.046	-0.3048	0.228	-1.585
1619	-0.1594	0.1366	-0.7834	-0.6934	-0.5928	-0.1634	-0.2522		1.127
1620	-0.6803	0.3257	-0.3943	-0.5743	-0.1837	-0.4043	-0.363	-0.02023	1.066

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1621	-0.03098		-1.265	-1.365	-0.4644	-0.955	-0.8437	-0.5309	-1.444
1622	-0.07145	-0.1055	-1.195	-0.9355	0.08516	-1.065	-0.4542	-0.4114	-1.495
1623	0.8488	0.2948	-0.9652	-0.9052	-0.7546	-0.4752	-0.3639	-0.5911	-0.1046
1624	1.774	0.02	-1.34	-1.02	-1.419	-0.02	-0.7287	-0.9759	-1.349
1625	0.9107	0.3367	-0.9233	-0.6833	-0.01266	-0.2133	0.007969	0.0007812	-0.2827
1626	1.379	0.5053	-0.4847	-0.2747	0.1159	-0.7947	-0.9234	0.02938	0.4259
1627	-0.1197	-0.2037		-1.254	-0.6431	-0.9837	-0.5025	-0.5097	-0.5531
1628	-0.586	-0.81	-0.52	-0.56	-0.8894	-0.67	-0.5787	-0.01594	-0.5694
1629	-0.3872	-1.011	-0.8313	-0.5712	-0.8706	-0.7013	0	-0.1372	-0.5106
1630	0.3365	-0.6475	-0.7075	-0.8075	-0.9469	-0.8975	-1.306	-0.6534	-0.7569
1631	0.0977	-0.2563	-0.4063	-0.2863	-0.2857	-0.4863		-0.5423	-0.8857
1632	0.3112	-2.813	-2.443	-2.603	-0.2922	-1.403	-1.722	-1.019	-3.092
1633	0.267	-1.477	-1.657	-1.487	-0.3364	-0.4771	-0.7958	-0.973	-1.856
1634	1.039	-0.4052	-0.7352	-0.6352	-0.3446	0.2448	-0.7639	-0.3011	-0.5346
1635	0.2415	-0.4625	-0.5025	-0.2725	-0.4419	0.1975	-1.001	0.5316	-1.012
1636	1.421	-0.6731	-0.3331	-0.2631	0.1875	0.9769	0.4781	0.2109	0.0875
1637	1.025	-1.049	-0.5093	-0.5893	-0.1386	-0.02926	-0.418	-0.0452	-0.1886
1638		-0.137	-0.05703	-0.187	-0.1664	0.05297	-0.5058	0.557	-0.1164
1639	1.008	-0.3761	0.6639	0.1339	0.3345	0.1739	-0.2748	0.007969	0.08453
1640	0.8765	0.0225	-0.1675	-0.3675	-0.4369	-0.1675	-0.4063	-0.2834	0.5631
1641	0.164	-1.04	-0.2	-0.17	-0.4494	0.74	-0.2087	0.004062	0.4306
1642	-0.3903	-0.6343	-1.484	-0.9843	-0.5537	-1.634	-0.253	-0.9502	-1.344
1643	-1.118	-0.662	-0.802	-1.202	-1.521	0.04805	-0.4307	0.7521	-2.511
1644	-1.15	-1.774	-2.284	-2.024	-1.304	-1.504	-1.733	-1.84	-0.09367
1645	-1.006	-1.37	-1.56	-1.86	-0.9694	-1.99	-2.299	-1.656	-0.1694
1646	-0.7954	-1.489	-1.399	-1.509	-1.179		-1.988	-1.035	-0.5388
1647	-1.45	-1.254	-1.604	-1.584	-1.073	-1.494	-2.102	-1.16	-0.1431
1648	0.224	-0.45	-1.25	-0.99	-1.029	-0.11	-1.759	-1.416	-0.7594
1649	-0.216	0	-1.68	-1.05	-0.7494	-0.84	0.3113	0.2741	0.000625
1650	0.6696		-0.5544	-0.3844	0.4963	-0.7044	0.3269	0.8797	-0.7938
1651		-0.1856	-1.066	-1.406	-0.835	-0.4956	-0.3744	0.2384	0.215
1652	0.364	-0.41	-0.16	-0.18	-0.1494	0.19	0.1013	0.1441	-0.1794
1653	-0.976	0.91	-0.57	-0.69	-0.7194	-0.85	-0.09875	-0.2959	-0.4894
1654	0.4962	0.2621	-0.03785	0.01215	-0.6972	0.3921	-0.5266	0.1062	-0.6572
1655	-0.4646	-0.9887	-1.249	-1.129	-0.628	-0.6187	-0.1174	0.08539	-0.808
1656	0.3599	-0.5741	-0.2141	-0.004141	-0.6835	-0.1741	-0.4629	-0.5301	-0.4935

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Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1657	0.07137	0.1073			-0.452	-0.5727	-0.4514	-0.06859	-0.562
1658	0.4097	-0.2143	0.3657	0.1357	-0.2537	0.005703	0.917	0.1198	-0.003672
1659	1.266	-0.3079	-0.1879	-0.5979	0.07277	1.052	-0.6566	0.1062	-0.1372
1660	0.0559	-0.8381			-0.6775	-0.4781	0.1531	0.1159	-0.5375
1661	2.264	-0.87	-0.61	-0.1	-0.8694	0.48	0.6913	1.684	
1662	1.049	0.455	0.415	-0.015	-0.4944	0.455	-0.1537	0.1391	-0.4144
1663	-0.04035	-0.5444	0.1756	0.01563	-0.1737	0.3856	-0.7331	-0.1703	-0.6538
1664	0.434	-0.73	-0.88	-1.03	-0.2494	-0.49	-0.1387	-0.1859	-0.3894
1665	-0.8785	-1.343	-1.862	-2.302	-1.772	-1.812	-1.151	-0.3084	0.1081
1666	-0.446	-0.9	-1.2	-1.18	-0.4894	-0.3	-1.269	0.004062	-0.08938
1667	-0.04863	-0.5227	-0.5327	-0.9327	-0.662	-0.1027	-0.9914	-0.4786	-0.272
1668	-0.9749		-0.6589	-0.3389	-0.6983	-0.3089	-0.8577	-1.195	-1.278
1669		-0.3713	-0.7513	-1.161		-0.06125	0		
1670		-0.52	0.18	-0.01	-0.3294	1.15	-0.4587	-0.1559	-1.409
1671	1.084	-1.65	-1.09	-0.9804	-1.3	-0.03035		0.1237	-0.9697
1672	-0.356	-0.22	0.82	0.74	0.3206	-0.32	-0.7587	-0.6459	-1.259
1673	0.814	-0.38	-0.87	-0.33	-0.3594	0	-0.1587	-0.2859	0.4406
1674	0.8382	-0.6358	0.2142	0.3342	-0.1652	0.6642	-1.205	-0.9517	-1.435
1675	-0.1574	-0.7414	0.008594	-0.03141	-0.1908	-0.5514	-1.2	-1.007	-1.201
1676	-0.2722	-0.9063	-0.4863	-0.2463	-0.3556	-0.4063	-0.825	-0.3922	-0.7856
1677	0.22	-0.1841	-0.8641	-0.8741	-0.3034	-0.2941	0.03719	0.21	-0.4734
1678	0.134	-0.49	-0.71	-0.7	-0.7694	-0.5	-0.01875	-0.2059	-0.9794
1679	0.304	-0.47	-0.77	-0.67	-1.559	-0.19	0.4213	-0.2459	-1.119
1680	0.8146		-0.3394	-0.3494	-0.5387	-0.2594	-0.5281	-0.4553	-0.5988
1681	0.153	-0.331	-0.581	-0.731	-0.9004	-0.491		-0.517	-1.13
1682	0.5851	-0.5589	-0.5889	-0.7189	-0.7383	-0.5189	-0.1877	-0.3248	-1.488
1683	0.824	-0.73	-0.49	-0.42	-0.5094	-0.56	-0.2687		-0.6894
1684	1.877	-0.3266	-0.7966	-0.8966	-0.706	-0.2466	0.2546	0.007422	-0.05602
1685	0.6609	0.3369	-0.5231	-0.1831	-0.3725	-0.8631	-0.07188	-0.9091	-0.2225
1686	0.5276		-0.6164	-0.9064	-0.7658	-0.5664	-1.405	-1.222	0.1542
1687	0.834	-0.07	0.05	-0.11	0.2806	0.27	-0.01875	-0.06594	-0.4794
1688	1.679	-0.475	-0.115	0.025	0.01563	-0.255	0.2363	0.1591	0.6156
1689	0.694	-0.54	-0.84	-0.88	-0.06937	-0.68	-0.5387	-0.9259	0.06062
1690	0.8965	0.0625	0.4325		-1.297	-0.4675	-0.3163	0.2666	-0.09688
1691	0.1851	-0.5089	-1.789	-1.739	-1.278	-1.059	-1.118	-0.9448	-1.928
1692	-0.05035	-0.7144	-1.634	-1.484	-1.604	-0.8444	-1.603	-2.04	0.1962

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1693	0.07621	-0.5678	-1.168	-1.408	-1.677	-0.6378	-1.297	-1.724	0.3028
1694	-0.1443	-0.3383	-0.3983	-0.3883	-0.5377	-0.3683	-0.517	-0.4442	-0.4077
1695	0.429	-0.695	-1.935	-1.785	-1.344	-1.585	-0.6837	-0.6009	-0.6144
1696	0.1478		-1.346	-1.156	-0.6256	-0.8662	-0.585	-0.3222	-0.1556
1697	0.4778	-0.1363	-1.436	-1.526	-1.216	-2.086	-0.495	-0.4522	-0.6456
1698	-0.236	-0.67	-0.64	-0.58	-0.4894	-0.77	-0.3087	-0.1559	-0.6494
1699	-1.437		-0.7006	-0.4406	-0.46	-0.7706	-0.1394	-0.6266	-0.32
1700	0.2971	-0.3469	-0.5269	-0.3069	-1.226	-0.3069	-0.3256	-0.2128	-0.6762
1701	-1.486	0	0.37	0.23	0.6706	0.1	0.8013	0.8341	0.2106
1702	-0.6872	-0.2613	-0.3613	-0.2712	-0.4606	-0.01125	-0.01	0.1928	0.2194
1703	-0.616	0.1	-0.65	-0.53	-1.449	-0.27	-1.059		-1.059
1704	0.2103		0.05625	0.04625	-0.1931	1.166	0.2575	-0.06969	-1.143
1705		-0.14	0.25	0.33	0.3506	0	0.1113	-0.01594	-0.7894
1706	-0.596	-0.63	-0.11	-0.38	-0.5594	-0.33	-0.07875	0.06406	-0.4194
1707	-1.781	-0.365	-0.465	-0.475	-0.6144	-0.015	0.3263	0.4091	-0.8844
1708	-1.278	-0.2917	-0.1717	-0.2217	0.7889	-0.7117	-0.0004687	0.4623	-0.1411
1709	0.9068	0.4327	0.3727	-0.09727	0.8634	0.07273	-0.02602	0.0268	0.06336
1710	0.9912	1.057	-0.6428	-0.5228	0.2878	-0.5928	-0.4316	-0.4788	0.6478
1711	0.7776	1.504	-0.01641	-0.2664	1.714	-0.6364			
1712	0.5737	1.62	-0.3803	-0.3503	0.6103	-0.5203	-0.4091	-0.4162	0.0003125
1713	0.9205	2.086		0.06648	1.587	-1.014	-0.7123	0.08055	-1.203
1714	0.9084		0.3444	0.2044	1.665	-0.6656	-0.5844	-0.06156	-0.875
1715	0.6807	1.947	-0.4333	-0.5833	1.617	-1.053	-0.462	0.0007812	-0.9227
1716	0.9712	1.987	-0.5028	-0.1528	1.978	-1.163	-0.6416	-0.1388	-1.072
1717	0.664	2.11	-0.14	-0.13	1.501	-0.87	-0.4287	0.2641	-0.5394
1718	-0.03566	-0.4397	-0.3497	-0.1297	0.8309	-0.1997	0.5816	-0.4656	0.4009
1719	0.184	-0.51	0.2	0.13	1.091	0.13	0.01125	-0.3959	0.5506
1720	-0.123		-0.187	0.02297	0.8136	-0.177	0.1842	0.177	0.2836
1721	2.067		-0.1475	-0.0575	0.1331	-0.4175		-0.4834	-0.8769
1722	0.4388	-0.5752	-0.8552	-0.1252	0.5154	0.2748	-0.1939	1.149	-0.6146
1723	0.3465	-0.1275	0.5125	0.5825	-0.3269	0.5525	-0.6263	-0.08344	-0.3369
1724	-0.276	0.07	-1	-1.1	-0.8794	-0.93	-0.4087	-1.026	0.5106
1725	0.45	-0.9641	-0.7441	-0.5841	-1.223	-0.08406	-0.3628	-0.65	-0.3334
1726		-0.2113	-0.6413	-0.5412	-0.000625	-0.09125	-0.73	-0.5772	0.8094
1727	0.334	-0.24	0.29	0.27	0.1906	-0.16	0.1013	0.2641	0.7006
1728	0.3103	0.06625	-0.2938	-0.3837	-0.4531	-0.7237	-0.2625	-0.3497	0.1269

Table 1

	STANFORD 37	NORWAY 61-BE	NORWAY 101-AF	NORWAY 61-AF	NORWAY 47-AF	NORWAY 65-BE	NORWAY 112-BE	NORWAY 112-AF	NORWAY 109-BE
	ARRY9X	ARRY10X	ARRY12X	ARRY11X	ARRY13X	ARRY14X	ARRY16X	ARRY15X	ARRY1X
	1	1	1	1	1	1	1	1	1
1729	1.024	-0.17	0.02	-0.06		0	0.1713	0.1841	0.7606
1730	-0.1793	-0.4733	-1.233	-1.493	0.1073	-0.4433	-0.172	0.0007812	0.3173
1731	0.4282		-0.5959	-0.5159		-0.1159	0.2554	0.9582	-0.6452
1732	0.724	-1.11	-0.21	-0.26	0.1106	-1.28	-0.3987	-0.08594	-0.08938
1733			-0.01301	0.387	-0.05238	-1.103		-1.439	0.01762
1734	1.604	0.37	0.02	-0.07	-0.08937	0.47	0.4913	0.4841	-0.9194
1735	0.1898	0.4458	-0.1142	0.2058	0.1764	0.05578	-0.103	0.1798	0.9864
1736	-0.7179	0.5281	-0.4419	-0.1819	-0.3912	-0.6319		-0.6778	-0.8312
1737	-0.2293	0.3067	-0.2333	-0.2733	0.2173	-0.2933	-0.152	0.0007812	-0.5927
1738	-0.4438	-0.7478	-1.348	-1.048	-0.2372	-1.408	-0.9566	-0.4038	-0.2372
1739	0.5559	0.6019	1.052	0.9819	0.9625	-0.4781		0.8559	-1.048
1740	-0.396	0.53	-6.43E-09	-0.26	0.5006	0.18	-2.029	0.01406	0.05062
1741	0.1871	0.1331	0.003125	-0.4069	-0.1662	-0.05687	-0.2156	-0.08281	0.4738
1742	-0.101	0.385	-0.505	-0.295	0.2756	0.095	-0.4738	-0.4909	0.4656
1743	0.001211	0.1472	0.03719	-0.06281	0.3478	0.06719	0.3184	-0.1088	1.338
1744	0.389	0.625	0.095	-0.185	-0.8244	-0.055	-0.1537	-0.3209	-1.484
1745	-0.441	-0.695	-0.665	-0.685	0.02563	-0.775	0.2263	-0.1509	0.3756
1746	0.3728	0.1387	-0.2713	-0.1812	-0.01063	-0.2013	0	-0.09719	-0.7106
1747	-0.181	0.225	-0.135	-0.155	-0.9344	0.365	0.1063	0.2691	-0.2644
1748	0.1953		-1.399	-1.249	-0.7781		0.5525	1.015	-0.6781
1749	1.307	-0.0975	-0.9275	-0.5775	0.2031	0.0725	0.07375	0.9966	-0.9969
1750	0.474	0.15	-0.86	-0.88	-0.8794	-0.79	-0.03875	0.8041	1.191
1751	0.4637	0.05965	-0.8104	-1.04	-0.8897	-0.6204	0.0909	0.09371	0.7203
1752	0.414	-0.1	-0.91	-0.82	-0.7394	-1.56	0.5113	0.5641	-0.1794
1753	0.4262	0.05219	-0.3878	-0.4178	-0.1872	-0.4078	-0.7366	-0.3038	-0.9672

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1	1.381	-0.4644	-0.2037	1.466	1.124	-0.9188	-0.3302	0.8513	
2	0.6506	-0.905	0.06563	-0.8644	-0.2169	0.000625	0.5692	0.9706	-0.009375
3	0.87	0.3443	0.115	-0.115	-0.9675	-0.81	2.259	0.19	0.46
4	0.58	0.5843	-0.145	-0.315	-0.3875	-0.13	1.929	-0.22	0.34
5		0.3943	1.865		-0.0975	0.1	-0.6414	-1.46	2.42
6	0.484	0.1283		0.589	0.2965	0.364	0.02254	-0.536	1.054
7	0.808	-0.0277	-0.07703	0.493	0.2105	0.968	0.07652	-0.762	0.658
8	0.175	0.6993	1.54		-0.4625	0.585	-0.1764	-0.165	1.545
9	-1.2	-0.2355	1.065	0.09516	0.3527	0.9102	0.07871	-0.7798	1.43
10	0.32	-0.3457	1.785		-0.1775	-0.01	0.8086	-0.19	
11		0.9193	1.57	0.5	0.3175	0.625	0.1636	-1.435	1.265
12	-0.006875	0.08746	1.298	0.4281	-0.7744	0.5731	-0.2483	0.8931	1.523
13	0.4158	-0.09988	-0.06922	-0.05922	0.2583	-1.554	-0.1357	-0.1342	0.7458
14	-0.59	0.2743	-0.735	-0.505	-0.3875	1.01	0.6086	-0.44	0.33
15	0.4598	0.2742	-0.4452	-0.6252	-0.007656	0.5998	0.008398	-0.4402	-1.46
16	-0.8206	-0.4163	-0.05562	-0.1456	0.4619	0.1294	0.5879	-0.3406	-1.281
17	-1.147	0.3068		-0.0125	0.085	0.2225	-0.2089	-0.0575	0.1125
18	-0.1785	1.096	1.057	-0.7835	-1.186	0.8715	0.6901	-0.8785	
19	-0.3221	0.7223	0.6429		-0.5096	0.02795	-0.2135	0.5879	
20	0.6025	0.4468	-0.4525	0.7975	0.375	-0.0875	0.2711	0.4725	1.062
21	0.804	0.6983	-0.501	-0.111	0.3665	0.534	-0.3075	0.344	
22	0.4825	-0.9732	0.0675	-0.1625	-0.345	0.3625	0.4211	0.4725	1.342
23	0.8388	1.883	0.2238	-0.5563	-0.6388	-1.461	-0.0227	0.3088	
24	0.225	1.429	-0.11	-0.46	-0.8125	0.625	0.9636	0.405	0.205
25	-0.3125	1.782	0.2325	-0.4475	-0.64	1.158	1.366	1.108	-0.1125
26	-0.67		0.915		0.4925	0		1.03	1.44
27	-0.1247	0.3296	-0.3897	1.01	0.3578	-0.2147	0.5238	0.6653	-0.4947
28	0.6527	1.017	0.4877	0.1377	0.04523	-0.4373	-0.1587	1.203	-0.6573
29	0.87	0.8043	0.575	-0.235	-0.0875	-0.27	-0.1914	0.4	
30	-0.44	0.3543	-0.315	0.525	0.2025	1.13	-0.5414	0.63	0
31	-1.119	-0.5946	1.306	0.4261	0.3236	1.341	-0.2504	-0.05891	
32	-0.7237		0.8013	0.2812	0.4488	0.4063	0.1048	-0.2637	-0.5437
33		0.3499	0.08055		-0.352	0.9855	0.5641	-0.7045	-1.134
34	-0.1964	0.06793	-1.041	-0.3314	-0.3439	0.003594	-0.3079	0.1936	0.1636
35	-0.54	-0.3757	0.555	0.045	-0.0575	-0.13	-0.2114	0.61	0
36	-0.5582	-0.09387	-0.1332	0.3968	0.1343	-0.1882	-0.1796	-0.3482	0.0618

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
37	-0.4997	-0.3954	-0.07469	-0.4047	-0.6272	-0.1997	-0.04113	-0.2297	-0.04969
38	0.2188	0.6531	0.8238	0.03375	-0.7388	-0.7613	0.5373	0.7788	-0.1913
39	0.33	0.7443	0.415	-0.685	-0.4875	-0.33	0.4586	0.62	0.03
40	0.565		-0.78	0.09	-0.1925	-0.255	-0.4364	2.085	1.305
41	0.6928	-0.1729	-0.8322	0.08781	-0.4847	0.4428	-0.4686	1.683	1.263
42	0.4411	-0.3346	-0.5139	-0.003906	-0.2764	-0.2089	-0.4304	1.951	0.8611
43	0.8225	0.9368	-0.9225	0.4775	0.175	0.5225	-0.3189	0.3825	-0.5875
44	-0.08	0.8343	-0.105		-0.0275	0.26	-0.1714	-0.19	-0.92
45	0.25	0.2243	1.175	0.475	0.1325	-0.8	-1.161	0.16	-0.73
46	0.5273	0.7216	0.9923		-0.06023	0.06727	0.5758	-0.1527	
47	1.471	0.2654	-1.064	-0.4239	-0.5764	-0.02891	0.6796	-0.4089	-0.9889
48	0.5443		-0.9507	0.6693	-0.7632	-2.336	-0.4671	-0.1157	-2.066
49	-0.3512	0.6531		0.8937	-0.4988	-0.4313	-1.223	0.3188	
50	0.03	-0.005664	0.435	0.625	0.2925	-0.5	0.5286	-0.01	
51	-0.045	0.4293	-0.09	-0.28	-0.6825	-1.365	-1.136	0.055	
52	-0.06	1.274	1.695	0.535	-0.6075	-0.46	-0.3214	0.76	
53	-1.174	0.01027	0.6209		0.6384	0.3659	-0.9055	-0.1241	-0.2741
54	-1.224	-3.91E-05	-0.2294	0.7906	0.5881	0.2956	-0.6058	0.1256	
55	-0.00375	0.4006	0.07125	-0.06875	0.3587	0.9162	0.0148	0.3162	-0.4938
56	-0.4743	3.91E-05	-0.6693		0.7182	0.0757	0.2343	0.7357	-0.8443
57	-0.3212	0.3131	0.6238	0.4337	0.4612	0.4487	0.0673	-0.1912	
58	-1.215	-0.04066	0.47	0.48	0.5575	0.125	0.2536	-0.245	
59	-0.5387		0.08625	0.3462	0.1437	-0.1188	-0.0802	0.1413	-0.7788
60	-0.31	1.324	0.715	0.145	0.1125	-0.53	-0.5914	-0.19	-1.17
61	-0.3028	0.7415	-0.04781	-0.4978	0.7397	0.9472	-0.5643	0.6672	-0.5528
62	-0.07	0.6643	-0.305	0.945	0.5825	-0.03	-0.2914	0	-0.88
63	0.2059	0.3303	0.1109	0.9709	0.008437	0.5759	0.004492	-0.08406	-0.2241
64		0.006836	0.3775	0.8175	0.705		-0.4089	0.6425	
65	-0.42	0.3043	-1.125	0.145	1.312	0.72	-0.1914	-0.05	-0.4
66	-0.405	0.6293	4.71E-08	0.67	0.8375	0.205	-0.2064	0.565	
67	-0.32	0.9643	0.045	1.115	0.1725	0.71	0.2986	0.4	
68	0.005	1.049	0.4	-0.34	-0.1525	-1.145	-0.03645	0.985	
69	-0.4175	0.1968	0.3075	0.2575	0.665	-1.058	0.2811	0.2825	-1.658
70	0.42	0.8443		0.515	0.7125	-0.1	-0.1214	0.42	
71	-0.155	0.6993	0	0.28	-0.4325	0.645	-0.1564	0.325	-0.045
72	-0.2352		1.75		0.01734		-0.0166	-0.2352	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
73	-0.2622	1.902	1.243	1.553	0.7903	-0.9222	1.626	0.6978	
74	0.7424	0.4467	0.2474	-0.2426	-0.7851	0.2224	-0.389	0.3924	
75	-0.005625	0.6687	0.1994	0.2694	0.6569	-0.3856	0.08293	0.4444	
76	0.2053	0.6196	-0.3297	-0.03969	0.4578	0.7653	0.01387	0.3653	-1.035
77	1.057	0.8809	-0.1884	-0.08844	0.04906	0.4566	-0.06488	-0.3034	-0.4534
78	0.29	0.6943	1.205		0.6625	-0.96	0.3386	0.18	
79	0.6722	0.8565	1.027	0.09719	0.8947	0.9922	0.6007	0.5922	-0.7078
80	0.7127	0.7971	0.2577	0.1277	0.7752	0.8227	0.6413	0.4627	-1.527
81	0.38	0.05434		-0.025	0.1825	0.12	0.1186	0.02	
82	1.12	1.144	0.825	-0.195	-0.4975	-0.85	0.3586	0.89	-0.33
83	0.97	1.094	0.585	-0.355	-0.4875	-1.06	0.2086	0.73	-0.08
84	0.105	0.8193	-0.27	0.63	0.2875	-1.065	1.164	0.485	
85	1.082	-0.4032	-0.0125	0.0575	-0.585	-0.4775	-0.6489	1.042	-0.1175
86	0.96	1.104	0.105	-0.465	-0.8875	-1.87	0.05855	0.21	-6.51E-09
87	0.375	0.3193	0.15	0.64	-0.4625	-1.755	0.5436	0.925	
88	-0.4061	1.648	0.4789	0.1089	-0.3036	0.02391	0.2525	-0.4061	
89	0.115	0.8093	0.17	0	-0.4725	0.155	-0.02645	-0.125	-0.485
90	0.3941	1.038	1.749	-0.3009	0.8966	1.024	0.3026	0.06406	
91	2.168	0.7024	0.313	-0.387	-1.059	-0.432	-0.2434	-0.662	-0.09195
92	2.799	1.114	0.8943	-1.676	-1.018	-1.751	-0.6421	-0.4807	
93	0.5378	1.272	-0.007187	0.4928	-0.4997	-0.002188	-0.1336	0.3078	-0.9622
94	-0.03086	0.8735	0.2641	-1.206	-0.04836	0.09914	-0.4223	-0.02086	-1.611
95	-0.06	0.5043	0.025	0.245	0.6125	-0.02	0.3686	1.12	-0.33
96	0.5		-0.755	0.135	-0.3975	0.17	-0.9714	0.08	-1.21
97	0.95	0.3843	-0.705	-0.075	-0.1475	0.07	-0.5914	-0.25	-1.11
98	-0.06062		-0.1756	0.7444	-0.4281	-0.3806	-0.04207	0.8894	-0.5406
99	0.1294	0.9037	0.004375	0.5144	-0.6881	-0.8406	0.1679	0.5594	-0.5006
100	0.17		0.015	0.515	-0.8275	-1.18	-0.02145	0.9	-0.66
101	0.5322	0.7165	-0.2828	0.2672	-0.6353	-0.4978	0.0007422	0.4922	-0.8578
102	0.1211	1.425	0.4861	0.5761	-0.8264	0.1011	0.009648	0.7911	-0.9089
103	0.06438	-0.1213	0.2894	1.099	-0.2731	-0.04563	0.3329	1.494	0.004375
104	-0.37	0.7443	0.215	0.065	-0.4475	0.27	-0.4114	1.03	-0.46
105	-0.03215	1.482	0.7929	-0.06715	-0.2696	-1.232	-0.1536	0.8879	
106	0.5913	0.8556	1.266	-0.9738	-0.6663	-1.819	-0.4502	0.7713	
107	0.7248	0.6491	0.1898	0.8098	0.5673	-1.595	-0.3466	0.7948	-1.165
108	0.5272	0.3715	0.05219	0.4922	-0.1203	-0.3328	-0.2543	0.2372	-0.8428

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
109	0.805	1.199	0.09	-0.45	0.2875	-0.035	-0.4764	0.665	
110	0.3527		0.6577	-0.3323	0.4652	0.6827	-0.4288	0.9427	-1.187
111	0.629	1.243	0.524	-0.246	0.3015	0.309	-0.5625	0.869	-0.221
112	-0.2877	1.377	0.2773	0.1173	0.4148	-0.2277	0.1108	0.06227	-0.3877
113	0.1025	0.4968	-0.0025	0.4575	-0.425	0.1625	-0.2289	0.6525	1.022
114	-0.48	0.5243	-0.075	0.075	0.1825	-1.25	-0.02145	0.09	
115	1.699	0.3331	-0.5362	1.184	-1.229	-1.271	-0.2527	-0.06125	-0.9313
116	1.635	0.4493	-0.71	0.72	-1.472	-1.095	-0.2964	-0.355	-0.995
117	1.798	0.6626	-0.8567	0.8233	-1.109	-1.262	-0.2732	-0.4517	-1.252
118	-0.1328	0.2915	0.3822		-1.03	-0.4528	-0.5443	0.1472	0.6972
119	-0.1225	0.8718	0.3425		0.22	-0.1125	0.4861	0.4175	
120	0.3905	0.8548	0.3155	0.4555	-0.227	-0.2695	0.01902	0.4405	
121	0.89	0.5043	-0.095	0.855	-0.9075	0.38	-0.6814	0.52	
122	-0.1372	1.147	0.7878		0.2753	0.4228	-0.6886	0.7328	0.6028
123	0.04219	0.4365	-0.08281	0.5972	0.03469	0.4322	0.0007422	0.01219	-0.3878
124	-0.425	1.179	0.49	-1.47	0.2375	-0.225	-0.1464	-0.665	1.555
125	-2.347	-0.1028	0.6479		-0.3046		0.1714	0.2029	
126	0.06625	-0.5694	-1.479	0.1912	-0.04125	1.186	1.145	2.356	1.566
127	-0.1328	-0.5985	-1.378	0.08219	-0.2003	-0.5128	1.136	2.397	1.447
128	-0.6455	-0.4311	-0.4705	0.05953	-0.193	0.6245	-0.4869	-0.2455	0.6045
129	-0.4048	-0.5305	0.7502	0.6902	0.1277		0.4537	0.1852	0.1452
130	-0.2412	-0.2769	1.294	0.7937	0.00125	-0.1813	-0.1927	-0.05125	0.1487
131	0.415	-0.2107	0.44	0.97	-0.6525	0.515	-0.2164	0.225	
132	-1.02		-0.595	-0.585	-0.3575	0.38	1.039	1.46	0.23
133	0.6509	0.06527	0.5959	0.2359	-0.4366	-0.2091	-1.461	-2.149	
134	0.7923		0.2973		-0.04523		-0.2492	0.3123	
135	1.236	-0.03941	0.4413	0.4812	0.1688	-0.4237	-0.3752	0.3363	
136	-0.3667		-1.422	0.6883	0.1858	-0.8167	0.001836	0.2933	
137	0.1517	0.6461		-1.733	0.07422	-0.8783	-0.03973	0.3017	
138	-0.412	0.5324	-0.257	0.143	-1.299	-0.762	-0.4534	0.328	-0.01195
139	0.0625	0.3868	-0.3325	0.9875	-0.475	-0.3375	-0.04895	1.032	0.3025
140	1.295	0.2793	0.17	0.02	0.2175	0.045	0.06355	0.405	
141	0.7523	1.287	-0.1627	0.1973	-1.105	-0.6377	0.4308	0.7923	-0.8877
142	0.4	1.254	0.445	0.485	-0.6975	-1.16	0.4786	1.73	-0.43
143	0.6972	2.312	0.2222	-2.568	-3.9	-2.243	-0.3143	1.457	
144	0.175	1.789			0.2575	-0.825	1.054	0.725	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
145	0.6078	1.012	1.173	-0.4072	-0.3797	-0.09219	-0.7536	1.908	-0.3422
146	-0.3328	0.4615		0.06219	-0.3103	-0.5328	-0.4043	0.4972	-0.4728
147	1.107	1.221	-0.3082	-0.7882	-0.8107	-0.5032	0.3054	0.9568	
148	3.07E-09	0.7243	0.455	-0.745	0.1525	-0.19	-0.6514	-0.95	-0.2
149	0.39	1.194	0.285	-0.485	-1.198	-0.55	0.04855	0.91	0.41
150	0.7197	0.954	0.3047	-0.2753	-0.7578	-0.02031	0.1282	0.7697	-0.04031
151	0.4972	1.352	0.03219	0.1722	-0.7503	-0.9028	0.2457	0.2472	-0.9628
152	0.625		0.11	0.07	-0.5325	-0.085	-0.2564	0.435	-0.525
153	0.445		0	0.3	-0.3825	-0.105	-0.1564	0.515	-0.585
154	-0.000625	0.7537			-1.128	-0.5906		0.9394	
155	0.24	1.204	0.435	-0.445	-0.8275	-0.26	-0.3414	0.33	-0.76
156	0.25	0.8943	0.135	-0.785	-0.8775	-1.7	-0.5614	0.16	-0.71
157	0.93	1.664	1.315	-0.235	-0.7675	-0.35	-0.3314	0.46	-0.06
158	1.339			-0.6063	-0.8188	0.02875	0.5373	0.8188	0.1987
159	0.125	-0.1007	0.83	0.01	-0.2125	-1.565	0.1736	0.055	
160	-0.4714	0.643	1.354	0.4736	-0.9289	0.5286	-0.5128	0.2586	0.4086
161	0.3297	0.484			-1.168	-1.49	0.03824	0.2897	
162	0.4539	1.288	0.9589	-0.8011	-0.6136	0.1339		1.624	
163	0.04	0.8543	0.465	0.035	-0.2775	-0.08	-0.001445	0.03	-0.63
164	0.3458	0.7801	0.8708		-0.2217	-0.1942	0.2343	-0.2742	
165	0.5994	0.2537	0.3344	-0.005625	0.4119		0.07793	0.1194	
166	-0.02	-0.1157			0.5825	-1.46	0.3686	0.27	
167	-0.02	-0.09566	-0.955	0.705	0.6025	0.46	0.4086	0.06	
168	-1.1			0.915	-0.1375	-0.05	-0.1914	0.56	-2.51
169	0.2379	-0.2977	-0.7471	0.8129	0.2804	0.8079	0.4765	1.518	-1.772
170	0.7179	0.04223	-3.767		-0.3996	-1.052	-0.04355	1.268	
171	0.3	1.354	-0.435	0.635	0.1525	0.21	0.7486	0.73	-0.59
172	0.305		0	0.62	-0.2825	-0.265	-0.1864	-0.135	0.405
173	0.8783	1.203			-1.509		1.067	1.668	-0.7517
174	0.3298		0.1448	1.075	-0.02766	-1.76	0.0284	0.7098	
175	0.597	0.4213		0.382	-0.1505	-1.513	-0.7145	0.597	
176	0.3224	0.4868	1.227	-0.6626	-0.05508	0.2524	0.361	0.06242	
177	0.05141	0.9257	0.3064	-0.1436	-0.7161	-0.2586	-0.09004	0.2214	
178	0.05	0.2043	0.755	0.905	-0.5275	-1.43	0.3186	1.12	
179	0.2135		0.2385	-0.3315	-0.474	-0.3365	-0.09791	-0.8465	-0.5365
180	-0.25	0.5643	0.225	-0.195	-1.158	-2.2	0.1086	-0.14	-0.37

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Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
181	0.008359	0.5427	0.4034	-0.6366	-0.9391	-1.052	0.01691	-0.3116	-0.5316
182	0.49		-0.025	0.405	-0.0075	-0.01	0.4986	1.11	0.28
183	0.8477		-0.3773		0.02023	-0.09227	0.3963	1.128	0.2877
184	-0.4045	0.3998	-0.03953	0.6005	-0.682	-0.6645	-0.226	0.6855	-0.8645
185	0.5852	1.559	0.3702	0.3602	-0.8523	0.3252	0.1737	1.685	-0.2448
186	0.42	1.054		1.045	-0.2975	-0.56	0.4386	0.75	-0.12
187	0.0175		0.5225	1.412	-1.26	-0.5525	0.5361	1.118	-0.6025
188	0.5739	1.318	0.4189	1.159	-0.5636	-0.7561	0.2725	1.364	-0.2661
189	0.208	1.022	0.633	0.893	-0.4695	-0.662	0.4265	0.868	-0.182
190	0.36	1.294	0.405	1.255	-0.5375	-0.6	0.3486	1.06	-0.23
191	0.6546	0.789		0.7696	-0.4829	-0.1754	-0.1368	1.095	
192	-0.03406	0.8903	0.2909	-0.06906	-0.2916	-0.1641	0.03449	0.3759	-0.3641
193	1.085	0.6989	1.03	0.5595	-0.203	-0.5555	-0.1769	1.465	-0.5355
194	0.3656	-3.91E-05	-0.3394	0.5506	-0.5619	0.1256	0.2342	0.9056	-0.9344
195	0.2579	0.3623	-0.1271	0.5229	-0.3396	-0.1421	0.2365	1.008	-0.8121
196	-0.1396		0.1954	0.2754	-0.5171	-1.8	-0.211	0.1504	
197	0.5648			-0.06023	-0.2427	-0.7652	0.4133	0.8248	
198	-0.06		0.075	0.095	-0.3875	-0.64	-1.371	0.9	
199	0.09582	0.6002	-0.7492	0.6908	0.2583	-0.6142	-0.1356	-0.3542	-0.4842
200	-0.585	0.4393	-0.34	0.65	-0.1025	0.125	0.1536	0.315	-0.715
201	-0.2698			1.025	-0.2373	-0.05984	0.3887	0.5702	-0.6198
202	-0.4089		-0.4039		0.1336	-0.4889	-0.1804	1.261	
203	-0.22	0.2743	-0.665	0.475	-0.0775	-0.79	-0.6114	0.92	
204	-0.3028			0.4422	-0.5803	-0.5828	0.03574	0.6072	
205	0.287		0.282	0.202	-0.1705	0.01695	-0.2845	1.067	-0.653
206	0.3244		0.2494		-0.2131	-0.7356	-0.5271	1.394	
207	0.5028	1.477			-0.6447	-0.2972	-0.1286	0.6728	
208	-0.1375	0.3068		1.647	0.375	-0.1075	-0.03895	0.8925	-0.4475
209	0.4547		0.3997	-0.3803	-0.4928	-0.1153	-0.006758	0.4447	-0.4353
210	0.42	1.194	0.055	-0.245	-0.6875	0.43	-0.1014	0.22	
211	0.3433		-1.052	1.108	-0.4742	-1.897	-0.04816	-0.3367	-0.2667
212	0.4756	0.93	0.1406	0.2106	0.1981	-0.1844	0.3342	0.5156	-0.1344
213	0.365	0.2993	-1.2	-0.14	-0.1725	0.455	-0.2064	2.475	-0.505
214	1.038	0.8223	-0.547	0.103	0.3205	0.718	-0.5035	-0.272	-0.902
215	-0.2471	0.4572	0.1179	0.2079	-0.8146	-0.9571	-0.2886	0.2829	-0.1871
216	0.415	1.289	-0.18	-0.18	-0.9125	-1.455	-0.9464	0.875	-1.615

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
217	1.066	0.7904	1.461	0.1311	0.6186	0.1761	0.01465	0.6061	-1.084
218	0.8588	0.4531	-0.4962	0.09375	-0.3288	-0.7013	-0.9127	1.469	0.1487
219	0.24	0.5043				-0.69	0.4986	0.33	1.79
220	0.17	-0.01566	-1.355	-1.395	-0.1575	0.67	0.6486	-0.34	-0.99
221		-0.09191	0.1088		0.00625	0.4837	-0.8277	-0.2462	
222	0.9	0.3743	-0.185	-0.425	-0.0475	0.73	-0.8514	0.51	-0.55
223	-0.0075	0.1868	0.1175	0.8575	0.245	0.3225	-0.5589	0.4325	-0.5575
224	0.07828	0.4926				-0.4617	0.2168	-0.1217	
225	0.4141	-0.1116	0.5491	-0.1309	0.1666	-0.06594	-0.3674	-0.3559	-1.016
226	-1.275	-0.1607	-0.53	0	-0.0025	0.775	-0.5164	-0.435	1.155
227	0.915	0.7693	0.37		-0.6025	-0.005	-0.04645	0.215	
228	0.17	0.6743	0.895	0.985	0.2225	-0.14	0.3686	0.1	
229	0.84	0.7243	1.115	0.055	-0.2575	0.35	-0.4214	-0.04	1.22
230	0.2203	0.4546	0.3053	0.1253	-0.3272	0.02031	-0.5511	-0.3397	
231	0.5659	0.9502	0.1509	-0.4091	0.3684	-0.7941	-0.3856	-0.004141	
232	0.905	-0.07066	0.68	0	0.1575	0.065	0.03355	-0.305	
233	0.6631	0.2075			0.8956	-0.06688		-1.097	
234	0.62	0.5543	0.815	0.435	0.2925	0.76	-0.7714	0.39	-0.62
235	0.297	0.09129	0.292	0.502	0.3895	0.457	-0.7445	0.477	-0.643
236	-0.4306	-1.006		1.014	1.582	0.1294		0.9194	
237	1.556	-0.09004		0.1706	-0.5719	-1.544	-1.316	0.1056	
238	-0.5122		2.143	-0.9872	0.08031	0.3678	-0.5536	-0.6722	1.418
239	0.7547	0.07902	0.4997	1.52	0.3672	0.4847	-0.2368	-0.3853	1.235
240	0.9213	0.03559	-0.1137	0.05625	-0.04625	0.1912	-0.3702	-0.5887	-0.06875
241	0.8462	-0.2395	0.2812	0.2212	0.06867	0.1362	-0.3253	-0.2438	-0.1238
242	0.34	-0.2557	0.305	0.025	0.4225	0.01	-0.06145	-0.09	0.24
243	0.1213	0.2856	-1.004	-0.04375	0.3437	0.5512	-0.2002	-0.3987	-0.4488
244	1.081	0.04488	1.096	0.7955	0.713	0.2405	-0.2109	-0.9095	-0.4095
245	1.188	0.3018	1.533	-0.4575	0	0.4875	-0.03395	0.2875	-1.083
246	0.6145	0.7789	-0.6505	0.6095	0.167	0.5645	-0.4369	-0.2255	1.075
247	-0.8982		0.7968	0.2568	0.4543	0.3118	-0.1497	-0.5182	1.722
248	1.364	-0.05152	-1.301	1.599	-0.6834	0.5141	1.893	0.3041	-0.07586
249	0.005	-0.04066	0.13	1.1	-0.0425	-0.365	0.02355	0.085	
250	1.267		-0.658	-0.508	-0.9605	-0.103	-1.434	3.477	
251	0.4583	0.05262	0.05328	0.1833	-0.3692	-0.2617	-1.503	-0.6817	
252	0.695	0.6393	-0.54	0.99	-0.3125	0.015	-0.8864	-0.445	-0.325

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
253	-0.34	1.784	1.805	-0.165	0.7425	-0.2	-0.2414	0.3	-0.58
254	-0.4251	1.139	0.8499	0.05992	-0.1226	-0.7651	-0.05652	1.115	
255	0.3122	0.5265		0.9272	0.09469	0.3622	-0.4293	1.002	-0.01781
256		0.9779	1.469	0.4586	0.2761	-0.2364	-0.8179	-0.006406	
257	0.4668	2.141	1.022		-0.4207	-0.3132	0.06535	2.407	-0.5032
258	-0.1017	0.6226	0.5833	1.573	1.051	0.5483	1.277	0.9783	
259			-0.7656		-0.09813		-0.3121	1.659	-0.2306
260	-0.2612	2.113	-0.1462	0.2637	-0.00875	-0.4413	-0.4327	1.129	-0.1113
261	2.123	-0.5832	0.0275	0.4175	-0.145	-0.5775	-0.2589	0.5725	
262	-0.09609	1.238	1.099		-1.334	1.404	1.332	1.024	
263	0.9861	0.3104	0.3311	0.5511	0.3086	-0.5339	0.4746	0.3561	0.8261
264	1.035	-0.1907	0.2	-0.27	0.0775	-0.925	-0.7164	-0.005	
265	2.038	1.173	-0.2467	0.7533	0.4408	0.4983	0.9768	0.1783	
266	1.733	0.6971	0.5078	-0.4122	-0.2147	-0.6772	-0.6186	-0.1072	-0.5472
267	0.6374	-0.5783	-0.4476		0.3199	0.3274	-0.864	-0.5326	
268	0.1961	-0.2996	-0.2689	0.5211	1.579	0.6461	0.1746	-0.3339	
269	1.422	0.3265	3.257	-0.7428	-0.6253	-1.118	-1.949	-0.2878	-1.068
270	-0.6464	2.048	2.309	-0.03141	0.6861	-0.06641	-0.4979	-0.6564	0.8036
271	0.3063	0.1006	-1.369			0.3563	-1.415	-0.8537	-1.264
272	-0.45	-0.1157		1.655	-0.1975	0.29	0.7486	-0.49	1.05
273	-0.5241		0.3009		-0.3316		0.1644	-0.1541	-0.2541
274	-0.2009	0.09348	1.384	-1.106	0.01164	-0.9009	-0.3823	0.2491	0.4191
275	0.21	0.03434	0.765	0.225	0.3925	-0.49	0.1286	-0.09	-0.33
276	-0.3479	0.2065	0.3871	-0.02285	0.05465	-0.3679	-1.029	0.4521	-0.6079
277	-1.36	-0.7157	1.465	1.055	0.0125	-1.92	-0.8414	0	3
278	-0.3806		0.2644	-0.2556	-0.7381	-1.741	-0.2321	-0.5406	1.659
279	-0.3922	0.2821	-0.2572	0.2528	0.1903	0.7878	0.7064	-0.04219	0.5778
280	0.66	-0.4157	1.605	1.185	0.1025	-0.38	-0.05145	-0.19	-0.6
281	-0.09		1.125	-0.455	-0.5975	-0.11	0.02855	1.28	
282	0.5078	-0.007852	-0.3772		0.1603	0.04781	-0.01363	-0.2522	-1.582
283	0.2747	-0.701	0.8997	-0.4703	-0.5228	-0.7053	-0.3268	0.004688	
284	-0.26	-0.4657	0.395		-0.3375	-0.66	0.05855	1.95	0.14
285	1.997	-0.02848	0.9222	-0.09781	-0.8103	-1.033	0.4857	-1.293	
286		-0.2132	0.4275	0.0075	-0.645	2.193	1.651	-1.387	0.2325
287	0.07551	-0.1802	0.6705	-0.05949	-0.282	2.076	1.864	-1.234	
288	0.2694	-0.08629	0.08438	-0.1756	-0.2281	-0.4106	-0.6521	0.08938	-0.3506

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Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
289	2.044	-0.6319	0.3388	-0.4913	0.00625	-0.07625	0.1723		-0.4163
290	3.206		-0.4695	0.2905	0.878	0.5855	-1.736	-1.594	
291	2.316	-1.08	-0.4991	0.7409	0.1684	0.5759	-0.5456	-0.1341	
292	0.24	0.05434	-0.235	0.025	0.2225	0.38	-0.8514	-0.53	-1.05
293	0.2686	-0.1171	0.1336	-0.8064	-0.05891	-0.001406	-0.1129	-0.6514	-0.1014
294	0.51	0.2043	0.025	-0.445	-0.0975	-0.77	0.6586	0.15	-1.18
295	0.23		-0.425	0.565	-0.5675	-1.25	-0.3814	-0.75	
296	0.4648	-0.6709	0.1498	1.14	-0.7027	-0.7052	-0.3566	-0.7252	-1.095
297	1.042		0.8167	1.037	-0.2458	0.4017	0.3003	-0.5883	-1.368
298	1.35	0.1143	0.145	0.265	-0.2975	0.11	0.5186	-0.8	
299	-0.5322	0.6621	1.643		-0.3697	-1.542	-0.6836	-0.8722	
300	0.9825	0.4668	0.2775	-0.4225	0.275	0.2825	-0.008945	-0.3375	-1.538
301	-3.07E-09	1.124	0.075	-0.625		0.45	-0.1214	1.04	-1.58
302	-0.678	-0.4037	-1.443	0.637	0.5845	0.282	-0.6895	-0.568	-0.788
303	-0.5675	-0.8932	-0.0025	0.1275	-0.085	1.382	1.341	0.0425	
304	-0.4542	-0.009844	-0.3792	0.01082	0.1183	-0.9742	0.2144	-0.4142	0.4658
305	-0.18	0.09434	-0.195	-0.495	0.0325	-0.87	0.3386	-0.21	0.76
306	-0.3256	-0.001289	0.7694	-0.5606	-0.05313	-0.4956	-0.3671	-1.436	-0.6456
307	0.65	-0.3557	0.935	-0.915	-0.7775	0.66	0.07855	-0.89	-1.48
308	0.08734	-0.8083	0.6723	0.1323	-0.05016	-0.1027	0.2759	-0.7327	1.247
309	0.6075	-0.4382	0.0725	-0.0075	-0.59	-0.4825	0.3061	0.0175	-0.1425
310	0.7646	-0.531	0.8696	-1.14	-0.2729	-0.6254	0.2232	0.05465	-1.145
311	1.57	-0.1554	0.5053	-1.695	-0.7072	0.2803	0.7289	0.09031	-1.5
312	1.6	-0.2157	-0.275	-1.085	-0.5375	-1.46	0.9186	0.4	-2.29
313	0.9444	-0.2813	0.08938	-0.6906	-0.2931	-0.2256	0.6329	0.05438	
314	1.526	-0.2096	0.07109	-0.4689	-0.1014	-0.8239	1.005	0.1561	-0.6839
315	1.91	-0.3853	0.01535	-0.3846	-0.3171	0.1404	0.8389	0.1004	-0.4396
316	1.58	0.9643	0.875	-0.455	-1.038	0.11	-0.6514	-1.06	0.09
317	1.103		0.4275		-0.555	-0.6075	-0.3089	0.0125	
318	3.07E-09		0.805	-0.055	0.3225	-0.41	-0.2814	-0.35	
319	0.375	0.5993	0	-0.99	-1.053	-0.645	0.2536	0.265	-1.215
320	0.7473	1.422	0.9823	-0.7077	-1.18	-0.9627	-0.4941	0.1973	0.09734
321	0.7772	0.4515	-0.4878	-0.1378	-0.2803	-0.7128	-0.6743	-0.5528	-0.06281
322	0.505	-0.02066	0.71	-1.32	0.2575	-0.055	-0.2064	-0.355	-0.145
323	0.1058	0.07012		-0.1092	-0.4817	-0.5842	0.2943	-0.5042	-0.07422
324	0.57	-1.126	-0.375	0.945	0.2025	-0.75	-0.9614	-1.13	-1.37

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
325	0.885	-0.6907	-0.57	0.99	0.4475	-0.345	-0.7964	-1.145	-1.825
326	0.5986	0.2729	-0.8164	-0.2264	0.05109	0.3586	-0.6029	-0.3314	
327	1.512		0.4672		-0.1753	0.6922	0.0007422	-0.3978	-0.4878
328	1.742		0.2472		-0.4853	0.7422	0.0007422	-0.6378	
329	1.77	-0.1957	0.575	-0.265	-0.3075	0.11	-0.08145	-0.58	-0.77
330	2.102	-0.003477	0.9072	-0.2028	-0.09531	0.9522	0.1207	-0.4478	-0.6878
331	0.17	0.4543	1.055	-0.275	-0.1775	0.99	0.7486	0.19	
332	1.243			-0.1425	-0.405	-0.0175	-0.07895	-0.0175	-0.5875
333	0.905	0.5293	0.68	-0.57	-0.2525	-0.085	-0.8264	-1.275	0.945
334	0.79	0.6743	0.905	-1.055	-0.6275	-0.5	-0.8114	-0.19	0.26
335	0.3961	-0.1496	-1.399	-0.3389	0.1886	-0.7339	-0.01535	-0.3639	
336	0.08525	0.7496	-0.4497	-0.3897	-1.152	-2.025	-1.196	0.9053	-1.485
337	0.0675	0.3818	0.0125	-0.3875	-0.14	-0.5325	-0.3539	0.1275	-0.3725
338	0.1857	0.02004	-0.3293	-0.0193	-0.8918	-0.7043	-0.2457	-0.4543	-0.3143
339	-0.24	0.5943	-0.155	-0.075	-0.6275	-0.83	-0.3214	0.29	-0.67
340	-0.01	0.7743	-0.185	0.415	-0.1775	0.86	-0.3014	0.31	-0.57
341	0.575	0.5393	0	0.07	-0.5225	1.065	-1.036	-0.095	0.175
342	-0.2986	0.3457	-0.6536	0.5964	0.2639	1.431	-0.54	0.4914	1.741
343	1.706	0.4799	0.1605	0.3405	-0.732	0.4755	-0.5159	-0.05445	
344	2.28	0.4143	0.415	0.265	-0.2075	0.28	-0.7314	-0.15	
345	-0.5828		-0.05781	-0.4178	0.1397	0.5872	-0.7143	0.6072	
346	-0.24	0.8343	0.245	-0.685	-0.2175	0.31	-0.4914	0.49	-1.1
347	0.44	1.514	-0.265	-0.915	-0.6175	-0.94	-0.4314	0.37	-1.19
348	-0.9822	0.3321	-0.007187		0.1703	-1.462	-0.04363	-0.08219	
349	-0.3025	0.3818	-1.057	-0.8475	0	0.0175	-0.3639	0.2375	-2.193
350	0.05	0.9043	0.945	-0.445	0.0825	0	-0.2214	0.15	-0.35
351	0.8558	1.18	0.9008	0.09078	-0.7917	-0.3542	-0.09566	-0.02422	
352	0.8235	0.7278	0.4185	0.0585	-0.104	0.5635	0.02205	0.3435	-0.8065
353	1.36	-0.4857	2.375	1.465	0.3125	-0.19	-0.01145	-0.62	
354	0.855	0.8393	1.18	-0.84	-0.5525	-2.025	-0.4064	0.575	-0.325
355	0.1825	0.5568	0.8575	0.3675	-0.595	-0.5075	-0.4289	0.4525	-0.8275
356	1.378		0.663	0.493	-0.1295	-0.09203	-0.3835	0.968	-0.382
357	1.467	0.5015	1.102	-0.01781	-0.02031	0.5172	-0.2543	0.2972	-0.2828
358	1.062	-0.7834	0.7673	-0.6727	-0.5152	-0.7577	-2.739	-0.7077	-2.348
359	1.036	-0.6093	0.7414	-0.7286	-0.7311	-0.9836	-2.055	-0.9936	-2.274
360	1.504	-0.2018	0.2289	-0.08109	-0.2036	0.4739	-0.2875	0.2639	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
361	0.575	0.6193	0.42	0.33	0.1475	1.105	-0.3664	0.035	0.625
362	0.4461	0.7904	0.3711	-0.4189	-0.2814	0.5061	0.3446	-0.003906	-0.6839
363	-0.1075	-0.05316	0.0475	-0.0725	0.115	0.6825	0.4011	-0.1175	-1.088
364	-0.2975	-0.1432			0.085	0.3625		0.1525	-2.988
365	0.14	0.7643	0.155	-0.385	-0.0875	-0.05	-0.5914	0	-0.51
366	-0.05969	-0.5054	-0.3547	0.3653	-0.3972	-0.2597	-0.3611	0.4803	-0.8497
367	1.02	1.104	0.285	-0.055	-0.1575	-0.53	-0.4914	-0.49	-0.38
368	0.03852	0.1129	0.6035	0.3035	0.131	-0.4315	0.3271	-0.4715	-0.1615
369	2.11	-1.296	1.355	-0.955	0.0725	0.54	-0.05145	0.33	
370	2.072			0.7569	-0.4956	0.7419	-0.2296	1.302	
371	0.02	-0.5457	0.925	-0.095	0.2025	-0.07	-0.3814	-0.55	
372	0.6659	-0.3197	-0.4891	-0.04906	0.4684	0.7559	-0.2255	-0.5341	-0.4441
373	0.08	0.5043	1.055	-0.325	0.2925	0.36	-0.6914	-0.38	
374	0.1214	0.1757	0.04641	0.2164	0.5039	0.6114	-0.46	-0.05859	-0.4586
375	0.2522	0.2665	0.2972	0.9572	-0.8753	-0.2378	-0.9793	-0.02781	0.5322
376	0.04438	0.5787	0.7694	0.8294	0.05687	0.1544	0.05293	-0.6556	1.244
377	0.41	0.3643	-0.105	0.415	-0.0875	-0.06	-0.01145	-0.2	-0.04
378	-0.66	0.4643	2.015	0.105	0.1525	-1.56	-0.6514	-0.05	
379	-0.9228	0.9615	0.7422	0.06219	-0.07031	-0.5928	-0.3943	0.1572	
380	0.1059	0.2703	0.1709	0.1409	-0.07156	0.3159	0.1545	-0.4841	-1.134
381	0.7225	0.7368	0.6975	-0.0825	0.085	0.6925	-0.4189	0.2225	
382	-0.3212	0.7931	0.06375	0.1837	-0.4988	0.05875	1.017	0.5388	-0.1513
383	0.1493	-0.1564	-0.3157	-1.756	-0.3782	0.06926	-0.07219	-0.2207	0.3293
384	1.156	-0.4	0.3907	-0.9793	-0.5718	-0.2543	-0.5657	-0.4743	-0.9643
385	1.323	-0.8132	0.8375	-1.123	-0.265	-0.8575	-0.7289	-0.0575	-0.5375
386	-0.16	-0.1957	0.605		0.3925	-0.91	-0.04145	-0.45	0.41
387	-0.8012	0.3631	-1.096	0.2637	0.9812	0.9887	0.6673	0.7288	-0.1413
388	-0.25	-0.005664	-0.545	-0.175	0.6325	1.03	0.09855	0.28	0.57
389	0.3962	0.6705	1.501	-0.3488	0.7687	-0.1238	0.5347	0.2762	
390	-0.7043	0.49	-0.5593	-0.0893	0.1182	0.0857	0.2443	-0.2843	0.1757
391	0.7231		-0.8919	0.6281	0.1456	-0.006875	-0.3383	0.7031	
392	-0.3128	0.2115	-1.358	-0.3278	0.3697	0.1072	-0.2743	0.1272	
393	-0.2916	-0.3873	-0.7166	-0.03664	0.8909	1.488	0.5769	-0.1316	-0.3116
394	0.8372	-0.01848	0.7322	0.1822	-0.4703	-0.1728	-0.4143	-0.5628	-0.7928
395	1.659	-0.6468	-1.496	-0.8261	-0.2786	0.1489	-0.4825	-0.4811	-0.1011
396	-1.024	0.02074	0.1114	-0.3186	0.4289	0.4264	0.775	0.06641	-0.2736

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
397	-0.3333	-0.7289	-0.2883	-0.4283	-0.6008	-0.2233	0.1553	-0.2533	-0.03328
398	0.73	0.7943	0.395	-0.535	-0.1375	0.19	0.2386	-0.18	-0.28
399	-0.2878	-0.01348	-0.5428	-0.2728	-0.9153	0.7122	1.241	-0.1578	1.472
400		-0.2657	1.485	1.235	0.5425	-0.97	-0.1914	2.48	-0.11
401	0.1	0.4443	-0.445	-0.965	0.0425	-0.46	-0.1214	-0.14	0.56
402	-0.7737		0.8113	-0.00875	0.00875	-1.554	-0.0452	0.1163	
403	0.31	0.5043	0.165	0.345	0.1525	-0.47	0.1486	-0.4	0.98
404	1.398	0.8618	0.2325	1.192	1.02	0.0175	0.5361	0.0975	1.378
405	1.083	1.367		0.8475	0.785	1.293	0.5411	0.5125	-0.1975
406	1.168	0.5624	1.123	1.143	0.6005		-0.9034	-0.562	
407	0.82	0.1543		0.465	0.1325	0.37	0.2786	0.88	0.16
408	0.2861	-0.5096	1.411	-0.7789	0.7786	-0.5839	-1.045	-0.5139	0.8361
409	0.15	-0.05566	0.335	-2.075	0.2025	0.55	-0.1314	-0.22	-0.14
410	0.4713	-0.4044	-0.04375	-0.3238	-0.05625	0.2912	-0.0202	-0.2487	0.00125
411	2.54	-0.9057	-1.455	-0.065	-1.268	1.95	-0.5814	0.06	-1.5
412	-0.4972	-0.01285	-0.4522	0.2978	-0.2547	0.1428	-0.3186	0.01281	-0.9472
413	-1.019	-0.7144	1.426	0.1263	-0.1262	-0.1687	-0.2702	1.671	2.451
414	0.07051	-0.7052	0.4755	-0.5045	0.06301	0.05051	-0.6809	-0.3495	0.1205
415	-1.81		0.375	-1.745	-0.8675	-1.24	-1.601	-2.12	0.74
416	-0.4166	-0.4423	0.2484	-0.7316	-0.4241	0.2834	-0.278	0.7834	-1.027
417	0.05613	0.08047	-0.6089	-0.1589	-0.3814	-0.03387	-0.3053	0.01613	0.02613
418	2.2	-0.2057		-0.585	0.0325	0.12	-0.4914	0.26	-0.24
419	0.9762		-0.1887	0.5012	-0.2513		-0.0252	-0.2238	
420	1.43	0.3243	1.005	-0.605	-0.6575	1.01	1.599	-0.73	
421	0.54	0.9843	0.795	0.015	0.5825	-0.25	-0.4814	-0.86	0.01
422	0.8388		2.024		-1.349	-0.08125	-0.7027	-0.02125	-0.5013
423	2.87	-0.3657	-0.195	-0.115	0.2325	-2.16		6.93E-09	
424	0.06	-0.005664	2.555	0.055	-0.0375	-0.44	-0.9114	-0.86	-1.07
425	0.09	-0.5757	2.815	-0.645	-0.4475	-1.26	-1.821	-2.15	
426	0.4373	-0.2084	1.032		-0.4302	-1.063	-0.8842	-0.4527	
427	1.329	-0.9169	0.2638		0.05125	-0.9313		-1.471	0.1387
428	2.659	-1.837	1.414	1.294	0.8012	-0.2313	-0.8727	-1.401	-0.4413
429	2.295	-2.381	0.47	0.78	0.6575	-0.055	-0.8364	-1.515	
430	1.593	-1.533	-0.0925	-0.2325	0.145	0.0925	-0.7589	-2.347	-2.048
431	1.051		0.08563	-0.1944	-0.1869	-0.6594	-0.8608	-1.229	-0.9194
432	1.135		0	0.24	0.0175	-0.205	-0.9964	-1.735	-0.945

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
433	0.1675	-0.5982	0.0625	0.6825	0.91	-0.0625	0.2361	-1.372	
434	1.412	-0.354	-0.2234	0.9066	-0.1659	-0.4284	-0.5098	-0.3784	-0.8384
435	2.186	0.51	3.621	-0.1394	-0.05188	-0.2144	-0.8758	-0.6944	0.2856
436	2.186		3.971	0.1309	0.4584	-0.7941	-0.6955	-1.674	1.256
437	2.35		4.345	-0.395	0.2025	0.01	-0.4414	-1.04	0.65
438	-1.942		1.753	-0.4771	-0.5396	0.5779	0.8164	-0.4221	
439	-0.5777	-0.7234	1.577	0.5273	0.3248	0.01227	-0.3792	-0.5277	
440	0.27	-0.1257	0.725		0.0425	-0.1	0.09855	-0.34	0.59
441	3.07E-09	-0.07566	1.035	0.385	-0.3375	-0.62	0.4686	-0.51	-0.84
442	0.915	-0.2007	0.64	0.61	-0.3825	-0.665	-0.3864	-0.215	
443	1.235	0.3389			0.327	-1.405	-0.1369	0.1745	
444	-0.06	0.2843	0.445	0.415	-0.3475	-0.2	-0.1214	0.05	0
445	1.205	-0.0006641	0	-0.22	-0.3325	-1.535	0.1636	-0.575	
446	3.215	-1.151	-0.2302		0.0873	0.0148	0.3934	0.7448	-0.8052
447	-0.6675	-0.06316	-0.5025		-0.025	-0.4875	-0.6089	-0.3475	
448	-1.132	0.2427	1.183	0.2034	0.3209	-0.8616	-0.04309	-0.01164	1.518
449	-1.231	0.1736	-0.1157	0.2643	0.2618	0.2893	0.4779	0.2693	1.039
450	-0.1169	-0.6825	-0.3919	-0.5519	-2.084	2.913	-0.5283	0.8231	-0.8669
451	-0.8525	-0.4282	-0.6675	-0.3875	-0.45	-0.1225	0.08605	-0.7025	0.2075
452	-0.5943		-0.0893	0.3207	0.1782	0.6957	0.3543	0.1657	0.6957
453	-0.52	0.3743	-0.505	-1.285	0.4725	0.1	-0.6614	0.42	-0.07
454	-0.3252	0.2891		-0.9302	0.2273	-1.455	-0.4666	-0.2352	-0.4852
455	0.1088		0.2238	1.114	-0.6688	-0.2613	-0.2627	-0.01125	0.4087
456	0.978		1.613	0.793	-0.3395	-1.482	-0.2335	0.02797	
457	0.3431		0.8281	-0.7319	-0.9044	-1.417	-0.3183	0.2331	-0.1469
458	0.955	0.5293	0.67	-0.01	0.0375	-0.235	0.5336	1.585	
459	-0.34	0.4643	1.845	-0.035	-0.3975	0.98	0.8086	1.04	-0.03
460	0.1336	0.3979	1.639	-0.4514	-0.6939	-0.5764	-0.8279	1.984	-0.4764
461	-0.7		2.255	0.835	0.5825	-1.2	-0.09145	-0.28	0.56
462	-0.535		0.82	-1.57	-0.0425	-1.025	-1.166	-0.865	
463	-0.7678	0.02652	0.07719	0.1172	0.3747	-1.748	0.0007422	-0.5978	1.342
464	-0.17	0.4343	0.275	0.125	0.3525	0.25	-0.7514	-0.67	-1.4
465	-0.2346	0.2197	0.5604	-0.1596	0.4979	0.4054	0.03395	-0.7846	-0.2046
466	-0.7161	-0.2518			0.4464	0.3539	0.1625	0.5039	0.2539
467	-0.22	-0.1157	0.925	-0.795	-0.1275	-0.47	-0.1014	-0.12	-0.39
468	1.549	0.1729			0.301	0.2585	-0.8329	0.1285	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
469	0.645		1.89	-1.32	-0.7025	-1.545	-0.8364	-0.855	-1.315
470	1.321	0.005586	1.086		-0.3463	-0.5688	-0.6902	-0.1387	2.051
471	1.226	0.4505	0.06113	0.3311	-0.05137	-0.2639	-0.7253	0.1561	-0.6939
472	1.89	0.2543	0.775	-0.765	-0.6175	0.26	-0.7914	-0.01	-0.18
473	2.35	-0.08566	-0.525	-0.265	-0.6175	-1.60E-08	-0.5414	0.09	-0.86
474	0.9355	0.8299	-0.08945		0.888	0.5855	0.0941	-0.9145	
475	0.03023	-0.02543	-0.1148	0.5052	0.4627	0.3602	0.6788	-0.1398	
476	-0.7187	-0.4844	-0.7037		-0.5763	0.3212	-0.1902	-0.6987	
477	0.0948	0.3691	0.3798	0.1298	0.1573	0.9448	-0.1066	-0.3052	-0.5752
478	-0.1348	0.4095	1.26	0.4002	-0.1223		0.1237	0.3552	
479	-0.5122	0.1421		0.1628	0.3703	-0.7422	-0.003633	0.2978	
480	0.01359		1.089	-0.4114	-0.09391	0.3236	0.2221	-0.8464	0.4836
481	-0.5707	-0.8864	0.0543	0.2043	-0.2582	1.319	0.8679	0.2193	1.389
482	-0.42	0.2243	-0.505	-0.115	0.1525	0.29	0.3286	0.2	0
483	0.07406	0.7284	0.3791		0.2066	-0.5859	-0.07738	0.6341	0.3641
484	-1.14		0.125	-0.465	0.3025	0.12	0.01855	0.01	
485	-0.5	0.9943	0.705	0.565	0.8925	0.19	0.4386	0.59	
486	-0.622	-0.0577	-0.237	-0.267	0.1305	0.638	0.07652	-0.292	-0.352
487	0.2859	-0.3298	-0.6891	-0.2791	0.01836	0.2159	0.1944	0.1659	-0.5741
488	0.5488	0.8731	1.144	-1.536	-1.939	-1.471	-0.6427	0.2388	0.8187
489	0.3858	0.6401	1.231	-1.249	-1.862	-0.1542	-0.7157	0.6358	-0.5242
490	0.84	-0.1857	0.945	-0.645	-0.3975	-1.83	-0.4614	0.37	0.91
491	0.2039	0.5082	0.6889	0.3089	0.4364	-1.016	-0.3475	-0.1861	-0.1261
492	0.04063		0.4856	0.4756	0.3431	-0.7494	-0.4508	0.04063	0.2206
493	-0.7011	0.02328	1.424	-0.3461	0.1114	0.06895	0.0375	1.689	2.069
494	0.6672	-0.4485	-1.058	0.1622	-0.5803	0.1072	0.05574	-0.2128	-1.383
495	0.02512				-0.5024	-0.6149	0.02367	-0.4749	
496	-0.1722	0.3521	-1.757	-0.8372	0.8103	0.007812	-0.04363	-0.2322	-1.712
497	-0.61	0.7943	-0.185	-0.665	-0.3975	0	0.4086	-0.2	
498	-1.141	-0.2271	0.4236	-0.9664	-0.8989	-1.361	-0.2329	-0.6314	
499	-1.27	-0.4757	-0.985	-0.635	-0.2975	0.69	-0.5914	-0.02	0.5
500	-1.684	-0.3094	0.6813	-0.5588	0.1588	0.09625	-0.6952	-0.5137	
501	-0.5869	1.007	0.5681	-0.3019	-0.8044	-0.3269	-0.9583	-1.337	0.7531
502	1.32	0.1643	-0.585	0.685	-0.0775	-0.78	-0.3714	-0.2	
503	2.555	0.4993	-0.14	0	-0.0025	-0.175	-0.6764	1.215	
504	-1.085	0.5091	-0.1402	-0.0001954	0.1273	-0.0252	0.1234	-0.3252	-1.205

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
505	1	-0.6357	0.495	0.505	0.0525	-0.3	0.2086	0.34	-0.82
506	-0.845		0	-1.09	-0.0125	0.085	0.2236	-0.545	
507	1.951	0.1154	1.776		-0.7564		-1.3	-0.4189	
508	2.09		0.915	1.765	-0.1575	0.26		-0.05	1.1
509	1.38	-0.2957	0.475	0.025	-0.0775	0.35	0.09855	-0.72	
510	3.07E-09	0.2743			-0.7675	0.01	0.06855	0.01	
511	2.05	0.5043		0.585	0.2225	0.36		0.1	
512	-0.465	0.1593	-0.64	-0.16	0.2675	0.715	-0.2564	0.315	-0.155
513	-0.2417	0.3326	-0.4367	-0.1467	0.1408	0.4283	-0.4232	0.3183	
514	0.155	-0.3707	0.1	0.55	-0.1125	-1.045	-0.4564	0.065	-2.475
515	0.5356	0.03996	-0.6294	0.02062	-0.2819	0.6656	0.3542	0.2856	-0.7344
516	1.428	-0.3979	-1.497	-1.547	-0.9597	0.6078	0.3664	-0.3522	-0.9322
517	1.777	0.3517	-0.03766		0.1698	-0.2127	-0.1141	-0.2927	
518	1.716	0.13	0.2006	-0.7894	-0.9119	0.08562	-1.426	0.2356	-1.494
519	1.367	0.5715	-0.03781	-0.8578	-1.33	-0.09281	0.4857	0.7072	-0.3428
520	0.27	0.8043	1.055	0.155	-1.718	-0.76	-0.05145	1.15	0.34
521	0.9545	0.04887	0.2895	-0.5005	-0.473	0.07453	-0.6769	-0.3255	-0.7955
522	1.463	-0.5027	-0.172	-0.262	0.1255	-1.197	-0.04848		
523	-0.8589	-0.5745	0.1761	-0.7339	-0.7364	-0.5789	-1.02	3.681	
524			0.27	-0.1	-0.9325	-0.045	0.3136	-1.005	0.215
525	0.1	0.7643	0.875		-0.5675	0.21	0.1886	0	0.14
526	-0.2444	-3.91E-05	-0.1394	0.6806	-0.3719	-1.054	0.06418	-0.05437	0.1256
527	-0.7736	0.09074	0.6814	-0.1686	0.4389	0.04641		-0.2836	
528	-0.5837	0.6706	-0.5387	-0.1188	0.04875	-0.4138	-0.2152	2.476	1.966
529	3.07E-09	0.3443	-0.605	-0.785	-0.5575	-0.44	0.1086	0.77	0.57
530	1.557		-0.9684	-1.178	-0.5909	0.4366	-0.1949	-0.1534	1.467
531	-0.6622	-0.1979	-0.6372		-0.1797	-0.3222	-0.1836	-0.2722	-0.9722
532	-0.16	0.4743	0.585	0.175	-0.2575	-0.47	0.2086	1.37	
533	1.806	-0.2198	3.371	-0.08914	1.448	0.2859	0.9144	1.526	0.4259
534	0.4111	-0.5446	2.096	0.5061	0.4536	-0.1789		0.2511	0.5211
535	-1.106	-0.5016	2.059	1.119	1.487	-0.005938	0.8626	-0.1159	1.184
536	-2.788	-1.313	2.917	3.447	3.275		-0.289	0.7024	0.2024
537	-0.8569		4.168	1.918	2.856	-0.7269	0.3217	0.7531	-0.08688
538	-0.4887	0.9557	1.686	1.216	2.024	1.751	3.27	-0.4787	2.511
539	0.7241	0.1885			0.8566	1.574	-0.0773	-0.7659	2.284
540	0.7383	0.8326	0.3533	0.8333	0.9908	-0.1217	0.2568	1.678	0.5283

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
541	-0.38	0.8343	0.235	-0.825	1.153	1.14	0.05855	1.98	1.69
542	-0.5406	0.07371	0.4644	0.9244	0.6119	0.4194	0.9079	0.9394	0.8994
543	-0.03	0.3743	1.175		0.0725	-1.47	0.06855	-0.56	
544	-0.8528	-0.8885	1.492	0.002187	0.4197	-0.8928	-0.3743	0.3372	-0.1028
545	-1.66	-1.346	0.475	0.435	-0.0375	0	-0.01145	-0.45	-1.03
546	0.72	-0.2257	0.745	0.515	0.7625	-0.14	0.5486	-0.83	0.96
547	0.2972	2.052	0.7922	0.9522	0.2897	-0.5328	0.05574	0.4072	0.007187
548	-0.2098	-0.07545	0.1952	-0.6348	0.7427	-1.79	0.7688	-0.3398	1.3
549	-0.2122	0.1321	-0.5072	-0.07719	0.1103	-0.5122	-0.6836	-1.272	-0.3822
550	0.05	0.3043	0.635	0.885	1.402	0.84	0.9886	-0.32	0.01
551	-0.875		-0.4	0.15	-0.8325	1.515	0.2736	-0.335	
552	-1.673	-1.288	-1.888		-1.07	0.3272	-0.2143	2.557	
553	-0.39	-0.5257	-0.645	0.255	-0.1375	1.48	2.459	-0.24	1.17
554	-0.07891	0.9654			-0.2064	0.5011	0.8296	0.4611	
555	-1.21	-0.3857	0.315	0.455	0.4725	1.02	0.6986	-0.13	
556	-0.205	-0.4907		-0.84	0.1075	1.595	1.124	-0.745	
557	1.495	-0.3707	-0.3	-0.53	-0.9725	1.235	1.674	0.085	
558	-0.61	-0.6257	-1.385	0.525	-0.8675	0.29	0.3486	-0.31	
559	-0.4379	0.2365			-0.5454	-1.038	-0.1993	0.1821	
560	-0.7494	0.895	-1.364	0.01562	0.3731	-1.819	-0.4608	0.3606	
561	-0.33		-0.645		-0.1175	-0.45	-0.6914	-0.13	
562	3.07E-09		0.915	2.455	2.042		-0.7814	-0.09	
563	0.07031	0.2346	0.4753	-0.3047	-0.2372	0.8603	-0.09113	-0.3497	-0.07969
564	-1.328		-0.5827	0.06727	-0.5152	-0.4477	-1.369	1.832	
565	-0.8506	0.06371	1.064		-0.03813	0.3494	-0.1521		
566	-0.9689			1.016	0.04359	-0.7089	-0.1604	1.071	
567	-0.7412	-0.7769	1.424		-0.7588	-0.2813	0.1173	-0.4412	
568	0.2772	0.5415	0.2222	-0.4078	-1.41	-0.1228	-0.2643	0.3172	
569				-1.183	-0.2659	0.4616	-0.6599	2.012	
570	-0.5769		0.7881	-0.6219	-0.05438	-0.5969	0.1217	-0.4669	
571	-0.1597	0.4046	-0.2147		-0.1972	-0.9497	-0.5611	0.06031	
572	-0.1339	0.2204	0.9611	0.09109	-0.4014	-0.6239	0.004648	-0.04391	
573	-0.2966	-0.3623	0.2984		0.5859	0.0634	-0.07805	-0.0766	
574	-0.3721	-0.1777	0.4729		-0.1796	-0.3521	0.4565	-0.2121	
575	-1.654	0.5206	0.4113	-0.9888	0.6887	-1.774	-0.6952	-0.8137	
576				0.2458	-0.07674	0.1608	-0.7107	-0.3892	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
577	-0.67	0.02434	-0.405	-0.855	-0.5375	-1.62	-0.6314	-0.19	
578		0.6113	1.342		-0.1705	0.217	-1.024	0.437	
579	-2.204	1.1	2.051	0.8311	0.2686	0.1161	-0.005352	-0.2739	
580	-0.54	-0.03566	0.845		-0.5475	-0.54	-0.8714	-0.31	
581	-0.3728	-0.3585	0.4922	-0.1378	0.4397	0.8272	-0.6743	-0.3128	-0.8428
582	0.03563		-1.069	0.3806	-0.3219	0.4456	-0.5958	-0.7144	-2.024
583	-0.83	1.544	-1.255	-1.015	-1.388	-0.95	-1.241	-1.58	0.43
584	-1.75	0.2643	-1.005	-0.515		-1.13	1.579	-0.49	1.1
585	-1.579			0.2756	-0.3469	-0.05938	1.129	-0.1894	
586	-0.03687	0.3975	-0.08187	-0.1819	-0.3244	0.2631	-0.3783	-0.4469	-0.1269
587	-1.5		1.105		-1.048		-0.05145	0.43	2.13
588	-0.3019	1.142	1.243		0.4006	0.1881	0.01668	-0.4619	
589	-0.4268	-0.09242	1.138		-0.6143	0.2132	-1.168	-0.3868	0.2232
590	-0.1744	-3.91E-05	2.661	-0.5794	-0.7119	-0.03438	-0.4158	-0.4944	
591	1.216	0.9001	0.3408		-0.6617	0.7158	-0.1557	0.4658	0.09578
592	-0.6449			-0.7299	-0.5024	-0.2549	-0.01637	-0.3749	0.6551
593	-2.915	-0.6809	-1.54	-2.79	-1.113	-1.095	-2.557	-3.805	-1.565
594	-0.5098	0.4046	1.325	-0.08477	1.413	-1.03	0.2888	-0.7998	
595	0.7694		1.474	1.084	1.152		-0.6221	0.3294	
596	1.681	0.8756	0.3763	1.506	-0.7963		-0.4702	0.4713	
597	0.91	0.5543	-0.265		0.3025	-1.04	-0.3314	-0.45	
598	-0.815	0.4893	-0.33	0	0.1475	0.165	0.3336	0.155	0.085
599	0.09	0.5943	-0.045	0.525	0.0825	0.21	-0.7114	0.17	-0.09
600	-0.32	-0.1057	-1.355	0.615	1.232	0.62	-0.1414	-0.36	0.01
601	-1.218	0.8266	0.2473	0.1073	0.4148	1.092	-0.4992	0.5023	-0.2877
602		-0.7301	-0.1395	1.761	1.078	0.8755	0.2041	0.4455	-0.2745
603	-0.135	-0.4107	-0.2		-0.0725	0.155	-1.246	-1.105	
604	-0.21	0.5543	-0.875	0.575	0.3725	0	-0.1214	-0.52	-0.29
605	0.52	1.104	0.755	0.885	0.0225	0.12	0.4086	0.4	0.34
606	0.3358	1.01	0.6908	1.251	-0.2917	-0.1042	0.4544	0.2958	0.6958
607	-0.0225	1.132	0.3925	-0.1075	0	-0.4325	-0.3939	-0.1525	
608	-0.3133	1.231	0.5917	0.1217	0.2392	-0.2933	-0.7647	-0.4733	-1.353
609	-0.05547		1.51	0.1695	1.067	-0.06547	-0.9469	0.1145	-1.665
610	0.4156		1.081	0.4606	0.7081	-0.1344	-0.7558	-0.5444	-2.374
611	0.09875	1.753	0.5538	-0.04625	0.4712	-0.08125	-0.8527	-0.8313	-2.051
612	-0.7035	0.4908	1.641	0.8515	0.849	1.466	-0.605	-0.7935	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
613	-0.4028		2.032	1.282	0.9897	1.677	-0.3043	-1.423	-1.443
614	-0.02711	0.8872	1.858	0.7279	1.245	0.9729	-0.2586	-0.7671	-1.177
615	-0.8789		0.06609	0.05609	0.2936	0.1611	0.02965	-0.008906	-1.399
616	0.7704	1.445	-0.2646	1.305	0.8629	1.13	-0.4611	-0.6396	-1.15
617	0.2694	1.124	0.1344	0.5544	0.7719	0.5194	-0.8021	-0.7206	
618	-0.4	0.1843	0.565	0.795	0.0625	0.23	-0.1614	0.07	-0.18
619	0.5			-0.445	-0.4175	0.53	1.019	0.13	1.12
620	-0.01875	-0.06441	0.6863	1.146	0.05375	0.2812	-0.5002	0.2213	0.4012
621	-0.355	-0.2807	-0.62	0.05	-0.0025	0.175	-0.01645	-0.045	0.075
622	-0.4941	0.1502			-0.7216	0.2759	-0.9756	-0.6741	
623	-0.7878	-0.6435		0.05719	-0.4353	0.2622	1.421	-0.2278	
624	-0.8712	-0.3469	1.904	1.304	-0.2388	-0.7313	0.4673	-0.5812	-1.161
625	-0.06418	0.5002	-0.2992		-0.5617	-0.05418	0.02437	-0.3442	
626	-1.135	-0.2907	0	1.27	0.2975	-0.155	0.5736	0.285	0.145
627	0.09			0.115	-0.2475	-0.03	-0.1714	-0.7	
628	-0.21	-0.6757	-0.445	-0.635	-0.9975	-0.42	-1.391	-0.32	-0.88
629		-0.2382	1.443	-0.0075	-0.87	-0.1925	-0.3239	0.2775	0.9975
630	-0.1477	-0.6233	-0.4827	-0.2127	0.08484	-0.5077	-0.2691	-0.2577	0.7523
631	-1.177	-0.5625	0.5781	0.5181	0.4756	-0.3369	-1.778	-0.1269	0.1131
632	-0.8737	0.5906			0.05875	-0.3538	0.3848	-0.2737	
633		-0.01559	0.2851	1.075	-0.1274	2.49	3.979	-0.5999	
634	0.8		1.375	0.395	0.3025	0.34	0.4486	-0.22	
635	0.4274	-0.02828	1.272	-0.4076	-0.4101	-0.6926	0.05594	-0.03262	
636		0.1554	1.736		-0.5364	-0.4489	0.9596	0.1211	
637	1.4	0.4543	0.825	0.745	-0.3475	0.02	-0.2714	-0.43	
638	1.733	0.7271	1.368	0.1078	0.08531	0.1728	0.001367	-0.1772	
639	3.576	0.7906	0.3013	3.301	2.639	-0.4338	0.9548	2.246	
640	0.4531	-0.4925	1.068	1.498	0.6656	-0.1869	-0.7383	0.1831	0.3231
641	-0.4207			1.664	-0.1282	-1.481	0.3479	-0.2207	
642	-0.75		1.015		-0.1375	-0.17	0.02855	0.02	1.24
643	0.2187	1.043		-0.06625	-1.149	0.1187	0.2573	0.3987	
644	0.02938	0.4337	-1.086	1.504	-0.3281	-0.3106	0.4479	0.3294	-2.361
645	0.07859	-0.2371	-0.8564	-0.006406	0.4311	-0.1414	0.007148	1.079	
646	0.7888	-0.3969	-0.4462	0.00375	-0.03875	1.229	0.4173	-0.1712	0.09875
647	0.2852	-0.7105	0.07016	0.4302	-0.4723	2.225	-0.2363	-0.8148	0.9752
648	3.07E-09		0.505	0.585	-0.7075	0.95	-0.2714	-0.34	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
649	0.15	0.5043	0.485	0.185	-0.1275	1.01	0.9286	0	0.61
650	0.02613	1.02	1.751	1.271	-0.7014	0.3161	1.215		
651	0.0625	-1.173	0.7375	0.4475	0.945	0.0225	1.451	-0.1975	1.103
652	0.3258	-2.22	1.291	0.3808	0.5583	0.8258	1.294	-0.5342	2.376
653	0.1389	-0.3868	-0.04609		-0.1386	-0.1511	-0.02254	-0.2311	0.2389
654	1.07	-0.806	-0.3153	2.005	0.3522	0.04969	0.4282	0.7097	-1.62
655	-1.03	-0.1857	-0.715	0.295	0.6425	0.82	0.05855	-0.33	-0.25
656	0.1731	0.1375	-0.1819		0.9456	1.193	0.1717	-0.4769	0.5231
657	0.045	-0.4807	0	1.34	0.5775	0.595	-0.06645	-0.415	-0.585
658	-0.1787	-0.05441	-1.194	0.9362	-0.4363	2.061	1.1	0.7613	
659	-0.08641		-1.321	1.859	0.04609	2.004	1.492	1.044	-1.206
660	-0.0175		-1.502	1.707	-0.255	2.192	1.841	1.072	-1.698
661	-0.5666	-1.922	-0.8816	2.488	-0.01406	1.773	2.692	0.6434	-0.3666
662	0.2963	0.2806	-0.4087	1.471	-0.1613	2.486	0.5648	1.136	-0.3938
663	-1.065	-0.581	-1.04	0.9997	-0.3128	2.425	0.6332	0.4947	
664	-0.6225	-1.478	-0.8175	1.402	0	2.888	1.946	1.188	
665	-0.957		-0.932	0.548	-0.5045	0.933	0.5616	0.103	
666	-0.09	0.3543	0.005	0.595	-0.2775	1.51	0.5386	0.04	
667	-0.71	-0.3157	-0.715	1.985	0.5325	2.86	0.3686	0.73	-0.34
668	-0.4325	-0.3182	1.103	0.4025	0	1.118	0.3061	-0.0525	0.0075
669	-0.1071	-0.01271		0.8479	-0.6146	1.723	0.0715	-0.08705	
670	0.83	-0.2157	-1.005	1.575	-0.4775	3.18	1.069	0.77	0.39
671	0.5045	-0.2111	-0.2505	1.37	-0.293	2.105		0.2545	1.405
672	-0.4877	-0.1034		0.9473	-0.7752	2.242	0.1308	-0.2777	1.172
673	0.3411		-0.09391	0.7861	-0.5064	1.111	-0.0003516	0.001094	
674	-0.08		0.105		-0.9575	2.8	1.819	0.46	
675		-1.458	0.2128	2.213	0.1903	0.2678	0.3364	0.5578	
676	1.71	0.2443	0.365	1.095	0.0225	0.3	-0.2414	2.31E-09	-0.71
677	1.314	-0.4619	-0.4912	1.169	0.1862	0.5138	-0.2977	0.1238	-0.9963
678	-0.48	-0.4857	-0.745	1.975	1.152	1.35	0.2986	1.09E-08	-1.16
679	-0.85	0.2743			0.1325	0.44	-0.001445	0.01	
680	0.855	0.2393	-1.55	0	0.0675	0.345	-0.3664	-0.195	-1.015
681	0.9078	-0.1879	-0.5472	0.7628	-0.1897	0.3978	-0.6536		0.9378
682	0.2561	-0.7296	-0.3289	1.361	-0.5514	-0.7539	0.7846	-0.5539	-0.8439
683	0.6023	0.2466	0.03727	1.597	-0.8752	-1.558	0.8208	-0.2277	-1.278
684	1.24	-0.2957	-0.745	2.205	-0.5175	-0.89	-0.6114	-0.49	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
685	-0.5813	-0.6769	-0.6862	0.9237	-0.5888	-0.6813	0.3173	-0.1413	-0.6713
686	-0.8313		-1.496	1.664	-1.749	-1.211	0.6373	0.5787	
687	-0.44		-1.365	1.005	-1.108	-0.87	0.2586	0.36	-0.67
688	0.71	-0.6457	0.975	0.495	-0.3675	-0.16	-0.08145	-0.91	-0.39
689	-0.002812	-0.3285	-0.2878	1.362	-0.1003	-0.5328	0.09574	-0.03281	-0.1328
690	0.1759	0.2702	0.6309	0.3709	-0.4216	-0.09414	1.134	-0.3841	-0.5741
691	-0.8113	-0.09691			0.6412	0.09875	-0.3727	-0.1113	
692	0.1303	-0.1254	-0.3747	1.125	-0.1272	0.2303	0.7389	-0.2197	-1.15
693	0.02227			-0.1427	-0.4052	1.362	1.001	-1.418	0.1323
694	-0.4641	-0.1797	-0.7891	0.3909	0.2884	0.3159	-0.6855	-0.05406	-0.9241
695	-0.9837		0.7013		-0.00125	-0.6438	-0.1752	0.3463	
696	1.079	0.3931		1.954	1.261	-1.011	0.0373	-0.02125	
697	1.362		-0.09281	-0.2328	-0.3853	-1.028	0.0007422	-0.2378	
698	0.553	-0.6326	-0.332	-0.502	-0.2945	-0.07695	-0.2284	0.333	
699	2.56	0.5843	-0.285	0.225	-0.0575	-0.78	-1.011	-0.53	
700	-0.4334	0.1909	1.212	0.8116	-1.081	0.05656	-0.3049	-0.5434	
701	-0.4164	-0.1221	0.1786	0.4386	-0.2439	0.1336	-0.5279	-0.2764	-0.6864
702	2.361	0.8854	-0.08391	0.7261	-0.1564	0.3111	-1.77	0.1611	-1.389
703	2.461	0.5256	-0.8737	0.6962	0.01375	0.1813	-0.2302	0.3113	
704	-0.355		0		-0.4825	0.855	0.5036	1.785	
705	-0.01391	0.2604	1.201		0.2686	0.8761	0.3046	-0.05391	
706				0.9353		0.05027	-0.4812	-0.5597	0.9503
707	0.6223	0.7666	0.6073	-0.4027	-0.1252	-0.3377	0.02082	-0.02773	
708	0.805	0.4493	-0.02	0	-1.122	-0.935	-0.2364	0.175	-0.325
709	-1.824		-0.4191	0.9109	0.03844	-0.6441	0.1945	0.4359	0.2559
710	0.9878	0.5921		0.6728	0.9203	0.6978	-0.5236	0.2578	0.9878
711	0.4057	0.11	0.2007	0.7407	1.068	0.0457	-0.7557	0.5157	-0.3843
712	1.536	0.4505	-0.5088	0.6012	0.8787	1.096	-0.5653	0.1662	
713	-0.08445	0.2799	-0.8695	1.111	0.398	0.03555	-0.1059	-0.6445	-0.4445
714	-0.3219	-0.09754	-1.327	1.533	0.5906	0.5381	-0.1433	0.3781	-1.242
715	-0.94	0.1843	0.305		-0.1575	0.61	-0.8614	0.16	
716	0.9171	1.651	0.2821	-0.3779	0.1496	-0.6829	-0.2343	-0.06285	
717	-0.4062	-0.07191	-0.09125	1.019	0.9362	0.6037	-0.8477	-0.3262	
718	-1.481	1.013	0.4338	0.03375		-1.281	-0.7227	-0.1812	
719	-0.405	0.4993		0.2	-0.1625	-0.845	-0.07645	-0.165	
720		-1.796	1.255	0.495	0.5425	0.82	0.6886	0.1	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
721	-1.055	-0.3207	0	0.92	1.457	0.405	-0.2664	0.485	0.835
722	-0.7803	0.164		1.395	0.08219	-0.2703	-0.2118	0.1597	
723	0.22	1.094	0.445	0.675	0.2425	-0.22	-0.2414	0.93	
724	0.3694	1.564	0.5644		0.3219	0.5194	-0.1021	0.4294	-0.2206
725	3.07E-09	0.7043	0.945	1.045	2.802	0.13	-0.1014	0.86	2.12
726	0.9627		0.8277	1.208	0.5452	-0.2373	0.2712	-0.4073	-0.05734
727	0.5275	-0.5182	0.0025	1.242	0.45	-0.2425	-0.4339	-0.0125	-0.0125
728	-0.2643	-0.24			0.3682	-0.0943	-0.1057	0.0557	
729	0.4228		-0.04219	1.198	0.1053		0.2914	0.9228	
730			0.4094	1.919	-0.03313	0.1144	0.4329	0.8144	-1.106
731	0.44	0.2643	-0.265	0.615	0.8325	-0.39	-0.1914	0.39	-0.84
732	0.4141	0.3185	0.1191	0.8191	0.5166	0.2941	0.0527	0.1041	-1.126
733	2.77	0.3643	-1.315		-0.0475	0.19	-0.5514	0.35	
734	-0.5273	-0.113	-1.022	0.1677	-0.4848	0.2827	-0.5188	-0.1773	
735	-0.6049	-0.3806	0.02008		0.2176	0.3051	0.8436	-0.6149	
736	1.09	0.434		-0.4753	-0.8878	-0.0003125	-0.9118	-0.4403	-0.3703
737	-0.3409	0.6835	0.7341	0.07414	-0.05836	-0.7309	-1.062	-1.121	-1.701
738	-0.65	-0.5657	-0.075	-0.035	0.1025	-0.48	-0.5914	-0.53	-2.7
739	1.286	-3.91E-05	-0.3394	-0.9094	-0.1519	0.06562	-0.4658	-0.7344	-0.7344
740	-1.694	-3.91E-05	-1.309		-1.242	0.9056	0.5242	-0.7244	1.096
741	0.03813	-0.6175	-1.687	-0.2969	-0.3494	1.648	0.8567	-0.8019	-0.2219
742	-0.99	-0.8557	-1.005	-0.865	0.1525	0.28	-0.3914	-0.53	-1.06
743		-0.4257	-0.295	-0.385	0.4825	1.22	1.309	-0.02	-0.85
744	0.3225	0.2368	0.0575		0.065	-0.0075	0.2911	-0.2575	-0.1775
745	-0.7137	-0.1994	-1.539	-0.7588	-0.5212	0.1863	-0.0752	-0.3437	0.07625
746	-0.07418	-1.15		-3.169	-0.4917	-1.134	-1.436	-0.9242	0.7858
747	-0.3025	0.1318	0.9425	-2.038	-0.15	-0.1925	-0.9039	0.2975	-0.6525
748	-0.7589		0.4461	-0.4039	-0.6664	-0.5289	-1.29	0.2911	
749	-0.8436		-1.299	0.2914	-0.1811	0.07641	-0.755	1.626	-0.1036
750	-0.5426	-0.7483	-0.1076		0.3099	0.2574	-0.694	0.7674	0.3374
751	-0.9388	-0.1345	-0.3438	0.1162	-0.9763	0.8212	-0.1303	0.6312	0.1612
752	-0.7325	0.03184	-0.5975	-0.4475	0	-0.0325	0.07605	-0.4425	0.0975
753	-0.3221	-0.6578	-0.7871		-0.1596	0.08785	0.6664	-0.7221	
754	-0.3133	-0.3189	-1.028	-1.868	0.3392	-0.8133	0.3153	0.1967	
755	-1.013		-0.6883	-0.4783	-0.8208	0.7067	0.005273	0.4867	-0.7133
756	-0.355	-0.8207	1.11	0.33	0.0675	0.415	-0.7364	-0.175	0.145

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
757	-0.7571		0.5479	0.6379	0.5254	0.9429	-0.6686	-0.007109	-1.297
758	-1.264	-0.58	-0.5094	-0.2294	0.1581	0.2156	0.1742	-0.3244	-0.2144
759	-1.42	-0.1057	-1.285	1.785	-1.378	0.76	-0.06145	3.93	0.99
760	-0.1317	-0.8274		-0.3867	-1.059	1.078	0.6368	-0.9117	0.1183
761	0.5075	-0.3582	0.0125	0.4025		0.8975	0.3961	0.4275	0.2775
762	0.59	-0.2957	-0.205	1.215	-0.0975	-0.85	0.1086	-0.35	0
763	1.166	-0.1494		1.691	1.609	-1.124	-0.3852	-0.1537	0.2762
764	1.578	-0.2477	-0.03703	-0.167	-0.3495	0.298	0.3765	0.218	-0.992
765	0.4967	-0.5989	-1.048	-1.038	-0.04078	0.05672	-0.1547	0.07672	-0.4233
766	-0.3428	0.1915	-0.8178	-0.1078	0.2597	0.8372	0.2057	-0.02281	0.07719
767	-0.62	-0.1957	-0.255		-0.3675	0.02	-0.6414	-0.89	-0.08
768	0.2197	-0.426	-0.3153	-0.9853	-0.5478	0.2497	-0.9918	-0.8903	-1.01
769	0.22	0.9743	-0.325	0.325	0.3225	0.22	-0.7014	-0.7	0.39
770	0.5044	-0.4213	1.409	-0.09063	-0.06313	0.8244	-0.4271	-0.6856	0.1044
771	0.4056	-3.91E-05	0.6906	0.5006	0.6181	0.8056	-0.3558	-0.2244	
772	0.3356	-3.91E-05	-0.2994	-0.6494	-0.4019	-0.4344	-0.3558	-0.6744	-1.404
773	-1.015	0.1993	0.47	-1.05	2.458	0.065	1.414	1.095	
774		-0.01816	0.2525		0	0.4575	0.4361	-0.2325	0.0075
775	1.368	0.2318	-0.9375	-0.7475	0	1.028	-0.03395	0.1575	-0.4525
776	-0.612	-1.098	-0.08703	-0.257	-0.2295	-0.492	-0.1535	0.968	
777	-0.92	-1.086		-0.185	0.1025	0.46	-0.1914	0.72	-0.1
778	-1.075	-0.3907		0	0.2675	0.365	0.9436	-0.135	
779	0.7573	0.1616	-0.3977		0.2798	-0.3327	0.4958	-0.09273	-0.06273
780	0.03875	3.163	-1.116	-0.2463	1.411	0.9487	1.277	-0.09125	-0.5913
781	1.036	-0.5598	1.461		0.09836	-0.9841	-0.05559	-0.3741	1.126
782	-0.006328	-0.322	-0.5513	-0.6313	-0.4338	-0.9063	-0.3878	-0.1663	-0.4363
783	-0.2984	-0.474		-0.9934	-0.9959	-1.728	0.0001953	-1.148	
784	-0.4232			-0.03822	0.3193	0.6668	1.005	-0.2632	
785	0.73	0.8543	0.475	-0.485	-0.0575		-1.401	-0.28	-1.25
786	0.725	-0.8207	0	-0.05	0.0175	0.195	-0.4364	0.375	
787	-1.194	-0.2999	0.5908	0.6408	0.3383	0.2558	0.4743	0.2458	0.04578
788	-0.9422	-0.8179	0.9328		0.1703	-0.1722	0.5364	0.2278	1.548
789	0.68	0.1043	0.235	-1.285	-0.9675	-0.87	-0.5914	1.87	
790	0.45	-0.3157	-0.085	-0.115	-0.1175	-0.23	-0.8714	0.01	0
791	0.05227	-0.2834	-0.7927	-1.133	2.275	-0.4877	0.05082		
792	1.067	-0.2683	0.4823	0.1623	0.3998	-0.7227	0.0259	-0.3327	0.5373

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
793	-0.3439		1.311	2.021	2.019	-2.144	-0.1854	0.01609	-0.4939
794	-1.135	0.5693	0.26	0.06	-0.2225	-0.005	-0.7964	0.215	0.735
795	0.68	0.01434	-0.035	-0.705	-0.4575	-0.93	0.1786	0.24	-0.21
796	0.7463		0.2413		-0.9613		-0.5452	-1.014	
797	-0.16	-0.2757	-1.695	-1.475	0.0325	0.35	0.6486	0.13	-0.22
798	-0.1672	-0.2229	-0.3722	0.02781	1.365	-0.2872	0.04137	0.1428	0.09281
799	-0.6089	0.01543	0.6361	0.8161	-0.5164	0.03109	-0.0003516	-0.1589	-0.1689
800	0.5864	-0.4693	0.8314	0.03141	-0.5311	-0.06359	-0.305	0.006406	
801	1.111	0.05559	-0.2937	-0.2238	-0.1263	0.4912	-0.0302	-0.5087	-0.04875
802	0.4425	-0.6432	0.1475	-0.1225	-0.255	-0.1375	-0.3089	-0.1775	-0.6675
803	0.62	-0.3157	0.755	1.135	0.3825	0.43	0.2286	0.85	0.71
804	0.697	1.001	1.812	0.402	-0.09055	0.727	0.7655	0.297	1.287
805	-0.1345	-0.5401	-0.1595	0.6805	1.148	0.1955	0.4741	1.216	0.8755
806	-0.47	-0.3657	-0.985	-0.975		-1.32	-0.2814		
807	0.3678	-0.01785	0.5528	-0.8872	-0.2597	-1.562	-0.1636	0.5978	0.5478
808	0.3256	-3.91E-05	-0.5894	-0.3494	-0.4819	-1.794	-0.3758	-0.4544	-0.5144
809	-0.11	0.1243	0.075	0.145	0.1925	-1.7	-0.4714	-0.21	-0.47
810	-0.1172	-0.9229	-1.292	-0.4122	-0.4647	-1.087	-0.4986	0.002813	-0.4972
811	1.511		0.06609	0.5261	0.8836	0.6811	-0.1504	-0.9489	-0.6389
812	0.5587	-0.09691	-1.416	1.244	0.6712	0.6987	0.8873	1.239	-0.1813
813	-0.015	0.1393	-0.44		0.1075	-0.615	-0.1164	0.085	
814	0.3661	0.3404	-0.8189	1.291	0.03859	-0.2339	-0.005352	-0.2739	-0.3639
815	0.375	0.04934	0	-1.25	0.0375	-0.645	-0.1764	0.015	-0.285
816	-0.5394	-0.125		1.346	1.473	-1.279	0.1892	-0.3894	
817	1.265	-0.1107	-1.62	0.28	0.2275	-0.135	-0.7264	-0.175	0.095
818	0.1131	0.3475	-0.7819		-0.3144	-0.8969	-0.3583	-0.3769	
819	0.6487	0.4631	0.03375	-2.216	-0.3288	0.4587	-0.4427	-0.3013	-0.7813
820	-0.0226	-0.07826	-0.2076	-0.7376	0.0399	0.4874	0.566	-0.5526	0.0874
821	1.401	0.2754	1.366	0.1061	0.9036	-1.199	-1.56	1.521	-1.209
822	1.52	0.4043	-0.145	-1.345	0.2125	-2.36	0.2986	0.55	
823	0.7049	1.009	-0.9101	-0.04008	-0.01258	-0.2551	0.3935	-0.2051	
824		-1.26	-0.3494	0.3406	0.2881	0.4856	0.6842	-0.03437	
825	1.026	-0.4492	-1.209	-0.2486	0.1389	-0.5636	-0.195	-0.07355	-0.3836
826	1.133	-0.1326		0.06805	-0.4545	-0.967	0.5716	-0.247	
827	1.829	-0.3163	-0.6456	-0.2956	0.2219	0.7694	0.4679	-0.3706	-0.8006
828	0.3862	-0.5295	-0.2988	-0.5088	-0.001348	-0.5138	0.7847	0.5162	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
829	0.9883	0.1426	-0.2667	-0.4667	-0.009219	-0.4017	-0.003164	0.1883	-1.052
830	-0.437	-0.3627			-0.3445	-0.357		0.06297	
831	0.2184	0.4227	-1.457		-0.2191	0.5084	-0.4931	0.5384	0.1184
832	0.4545	-0.1012	-1.001	-0.01055	0.447	-0.2855	-0.307	1.524	-0.6355
833	1.273	-0.3632	-0.2625	-0.1225	-0.065	-0.0575	-0.3589	-0.4775	
834	1.232	0.146	-1.433	1.137	1.014	1.902	0.8902	0.6616	-0.2384
835	0.8069		-0.8281	0.1619	-0.000625	0.9869	0.7054	-0.05312	
836	1.024	1.458	-0.9911	0.5889	0.5064	1.784	0.5225	-0.2761	-1.526
837	0.8757	0.27	0.1907	-0.2593	-0.0518	0.1557	0.1643	-0.5943	-0.7943
838	0.56	0.01434	-0.825	0.645	0.0925	0.39	0.3586	0.24	0.42
839	3.07E-09	-0.6257	-1.035	0.345	-0.0775	0.23	0.2086	-0.58	-0.48
840	0.2551	-0.3106	0.3801	-0.4899	-0.2224	0.2751	0.2436	-0.9049	1.295
841	0.865	-0.7207	-0.13	1.08	0.4875	-0.145	0.4436	-0.415	0.195
842	0.16	-0.2957	-0.145	-0.075	-0.1775	0.74	0.1186	0.17	1.29
843	0.5043	0.008633	-0.8507	-0.3507	-0.2032	-0.8657	-0.4371	-0.3757	
844	0.5103	-0.5754	-1.065	-1.135	-0.7572	-0.2597	-0.7911	-0.4797	0.08031
845	0.8973	-0.1183	-0.7377	-0.9877	-0.3602	-0.2027	-0.7741	0.1073	-0.2127
846	0.06781	-0.03785	-0.4072		-0.06969	0.7278	0.4364	-0.1922	-0.3822
847	0.6813	-0.06441	-0.1137	-0.5538	1.244	-0.8688	-0.1102	-0.01875	
848	0.9183	-0.5874	-1.167	-0.09672	0.6208	0.7483	-0.1032	0.09828	0.08828
849	1.69	0.01434	-0.715	-0.065	0.2025	0.88	-0.02145	-0.24	-1.09
850	0.13	-0.8357	-1.325	-0.815	-0.2075	0.05	-0.7414	-0.28	-1.06
851	0.4275	0.04184	1.113	-0.2175	0	2.178	3.186	-0.5325	-0.8425
852	0.23	-0.2557	0.415	0.355	0.6025	-0.27	-0.3114	0.31	-0.74
853	0.8187	-0.05691	-1.986	0.3337	0.2512	0.4487	0.3673	0.8087	-1.121
854	0.8266	-0.3991	-1.408	0.1716	-0.02094	0.2866	0.1951	0.02656	-0.6534
855	0.5588	-0.2269	-1.596	-0.06625	-0.00875	0.2388	-0.3827	0.3988	-1.431
856	1.176	-0.09941	-0.5487	-0.00875	0.05875	-1.364	0.0648	1.416	0.2162
857	0.88	-0.1657	0.205		-0.2675	-0.14	0.1686	0.43	
858	2.03	0.09434	0.865	-0.205	0.1625	0.36	0.5286	0.04	
859	1.158	-0.4075	-0.4569	0.3931	-0.2594	0.2881	0.2167	-0.8519	0.8681
860	0.775	-0.3307	0	0.92	0.5875	-0.245	-0.2264	0.325	-0.075
861	0.965	-0.02066	-0.38	-0.07	-0.2225	-0.155	0.9236	0.275	
862	1.426		-1.169	0.7806	-0.1619	-0.2744	0.1942	-0.5344	
863	0.3572		0.6422	0.1222	-0.03031	-0.1928	-0.1743	0.1972	
864	0.745	-0.0006641	0	0.15	0.1475	0.135	0.01355	-0.385	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
865	0.8411	0.05543	0.4461	0.006094	0.3636	-0.2389	0.2196	-0.3589	
866	1.388	-0.1379	-1.107	-0.07719	0.2003	-0.8822	-0.2236	0.4278	
867	0.7209	-0.1347	-0.3141		-0.05656	0.07094	-0.03051	0.03094	-0.5391
868	0.7331	-0.9925	-0.1419	0.1981	0.2656	-0.006875	0.2517	0.05313	-1.357
869	0.5528	0.1771	-0.2122	0.07781	0.3653	0.002812	0.5614	-0.5572	
870	-0.007187	0.007148	-0.5322		0.3853	0.2828	0.4814	0.1228	
871	0.2916		-0.6734	-0.05336	0.02414	-1.538	0.0702	0.3116	0.01164
872	1.126	-0.1394	-0.00875	0.00125	-0.00125	0.4663	0.7448	-0.5337	-0.2637
873	0.08	0.004336	-1.175	0.445	0.4725	0	0.5886	0.53	-0.11
874	1.359	-0.2962	-0.7855	-1.216	0.202	-0.6505	-0.01199	0.2295	0.5395
875	1.568	0.1118	-1.107	-0.3375	1.28	1.108	1.566	-0.3125	1.257
876	0.4	-1.166	-0.525	-1.665	-0.4975	-0.02	0.6886	-0.84	0.71
877	-0.01172		-0.9867	-0.1467	-0.1992	0.2783	0.3568	0.1983	0.6183
878	0.4	-0.8057	-1.095	-0.355	-0.3075	0.63	0.2486	0	0.36
879	1.004	-0.5119	-0.5612	-0.05125	-0.00375	0.8837	0.0523	0.6138	-1.136
880	0.1848	-0.8709	-0.1702	-0.3802	-0.4427	0.1048	0.4234	0.3348	-0.3152
881	0.6625	-0.5232	-0.0325	-0.0325	-0.035	-0.2475	-0.5089	0.3125	-0.8175
882	-0.1539	-0.2096	-0.7389	-0.1489		-0.8039	0.6246	-0.03391	
883	1.117	-0.6283	-0.2577	-0.6977	-0.01016	0.4373	0.2459	-0.4927	0.4473
884	0.4781	-0.2875	-0.3969	-0.3969	-0.2694	-0.4019	-0.5633	-0.2419	0.4081
885	0.07227	-0.3334	-0.6127	0.1073	0.4248	0.6723	0.8808	-1.138	-2.188
886	0.3811	0.5954	-0.8739	0.7161	0.6136	0.2611	-0.2104	0.2611	-0.3989
887	1.193	0.3668	0.3875		0.795	-1.307		-0.0975	0.4225
888	-0.1012	-0.02691	-0.7062	-0.2863	0.1412	0.4987	-0.0827	0.4988	0.1887
889	-0.6264	-0.2121	-0.6414	0.1886	0.1161	0.03359	-0.2279	0.07359	
890	-0.5459	-0.1915	-0.2809	-1.011	0.06664	-0.2359	-0.0273	0.05414	
891	1.588	-0.1274	-0.6367	-0.3267	-0.04922	0.2983	-0.1832	0.1583	0.3083
892	0.06891	-0.1768	-1.186	0.01391	-0.4286	-1.121	0.09746	-0.3511	
893	0.07234	0.02668	-1.563	0.01734	0.04484	0.7523	-0.009102	0.1523	-1.898
894	0.9225	-0.5232	0.8675	-0.0025	0.055	0.0025	-0.1189	0.1425	-0.2875
895	1.111	0.8056	-1.064	0.05625	-0.03625	0.3113	-1.23	0.8013	
896	0.4052	-0.1304	-0.7298	-0.8098	-0.5823	0.04523	-0.09621	0.9352	-0.6148
897	0.04891	-0.4868	-0.4161	0.4339	0.01141	-0.02109	-0.4525	0.2489	
898	-0.4789	0.07543	-1.734	0.4761	0.1836	0.6611	-0.04035	-0.05891	-1.109
899	0.08	0.05434	0.515	1.315	1.142	0.3	0.03855	0.67	0.34
900	0.7	-0.6157	0.575	1.045	0.4325	0.58	0.9086	0	0.34

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
901	0.7086		0.4536	0.5736	0.4911	0.01859	1.487	0.01859	0.3986
902	0.9411	-0.2846	-0.5539	-0.8539	-0.1164	0.1511	0.2296	0.1711	-0.008906
903	0.08875	-0.07691	0.1538	-0.5163	-0.5788	-0.7113	-0.3127	-0.9912	0.04875
904	-0.2006		0.5444	-0.2856	0.03187	-0.5506	0.1779	-0.07062	0.7994
905			0.345	0.485	-0.0575	-1.14	-0.01145	-0.56	
906	1.136	-0.68	0.2306	0.4706	-0.01188	0.5656	0.4842	-0.2744	0.7356
907	1.442	0.5662	0.6569	-0.01313	0.1344	-0.5281	-0.5396	-0.9381	
908	0.3283	-0.2274	-0.2367	2.183	0.1408	-0.1017	0.3168	-0.6517	0.6183
909	0.2881	-0.1675	-0.1069		-0.2794	-0.1619	-0.04332	-0.1219	
910	-0.4137	-0.4394	-2.469	-0.2988	-0.00125	0.3162	-0.1852	1.446	-0.2238
911	0.1259		0.7209	-0.1391	0.2184	-0.1341	0.1444	0.1259	0.4859
912	0.7875	0.5618		-0.0575	0	-1.162	-0.4539	-0.0325	
913	1.398	-0.6782	-0.6275	-0.0675	0	-0.3925	0.4361	-0.2625	
914	3.07E-09	-0.1457	0.145	0.755	0.9225	0.09	0.1186	0.37	1.35
915	-0.1928	0.01152	0.03219	0.6722	1.03	-1.113	0.4857	0.3672	
916	-0.1317	-0.4674	-1.167	-0.4867	-0.5392	0.1883	0.1168	-0.9417	-0.1917
917	1.07	-0.08566	0.475	-0.555	-0.3575	0.56	-0.03145	-0.11	-1.11
918	-1.202		0.04281	0.7328	0.5503	-0.8222	-0.2436	0.1878	0.1278
919	-0.9017	-0.06738	0.2733	-0.6867	-0.1992	-0.5117	-0.1432	0.01828	0.3583
920	0.7224	1.067	-0.1826	0.1174	-0.2251	-0.1976	0.381	0.4724	
921	0.7	-0.8857		0.695	0.1825	0.7	0.3686	-0.46	1.3
922	-0.1142	0.3001	1.041	0.9208	-0.2017	0.6058	0.4643	0.5658	
923	0.08719	-0.3785	0.3222	-0.1378	0.2397	-0.2028	-0.6443	-0.2828	-0.9328
924	0.2459	-0.3897	0.4709		-0.08156	0.1759	-0.2955	-0.1741	-1.524
925	-0.2478	0.4465	1.337	-0.6828	-0.5753	-0.2778	0.0007422	0.4922	0.6122
926	0.1522	0.4665	1.587	-0.6728	-0.2953	0.1622	-0.4793	0.3722	0.1522
927	0.8548	1.109	1.8	0.0398	0.4473	-1.165	0.4034	-0.5852	-1.665
928	-0.25	1.144	1.375	-0.295	0.0125	-1.03	-0.06145	-0.23	-0.52
929	0.65	-0.4057	0.095	0.125	-0.1075	-0.85	0.6986	-0.11	
930	0.31	-0.3657	0.025	-0.015	0.3425	-1.1	0.2386	0.1	1.41
931	0.6325		0.5075	-0.5125	-0.035	-0.2475	-0.3689	0.0825	0.5725
932	-0.5106	-0.09629	-0.4356	0.5244	0.4019	0.4394	0.1779	0.1194	-0.1806
933	-0.002598	-0.1683	-0.3276	0.3924	1.28	1.397	1.126	-0.0926	
934	-0.08	-1.456	-0.665	0.695	0.5225	-0.15	-0.6314	0.16	
935	0.3926	0.4369	0.2776	0.1076	-0.5349	-0.2674	0.8211	0.7126	
936	0.3987	-0.4769	0.03375	0.4137	0.7012	-0.7713	0.1573	-0.3013	-0.7813

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
937	0.4814	-0.1543	-0.01359	0.3964	0.7439	0.5314	0.2	-0.9486	-0.7386
938	-1.438	0.0359	-0.6434	-0.6234	-0.03594	-1.098	1.3	-0.09844	0.3116
939	-1.345		0	-0.13	-0.1325	-1.045	1.254	0.205	0.035
940	-0.64	0.05434	-1.125	-0.745	-0.1275	-0.03	1.089	-0.62	-1
941	-0.56	-0.01566	-0.145	-0.025	-0.2675	0.64	1.059	0.6	-0.34
942	-0.132	0.1323	0.06297	-0.947	-0.5395	-0.192	0.2565	-0.482	
943	-0.4139	0.3505	-0.8389	-0.6989	-0.1814	0.04613	-0.1653	-0.6639	-1.264
944	-0.5989	-0.4546	-0.6339	-0.3139	-0.1164	0.3011	0.009648	0.2911	-0.1089
945	-0.8877	0.6366	-1.273	-0.4627	0.1348	0.4323	-0.05918	-0.3277	-0.8177
946	-0.33	0.04434	-0.405	-0.025	-0.1075	-0.63	0.3886	-0.36	
947	-0.67	0.04434			-1.278	0.8	-0.3714	0	
948	-0.285	0.08934	-0.19		-0.3825	0.475	0.1536	-0.305	-0.205
949		-0.9357	-0.685	0.365	0.7525	0.74	0.9486	-0.25	0.4
950	-1.639	-0.8146	-0.4539	0.5961	1.084	0.9511	0.9096	-0.1689	0.7111
951	-0.1739	-0.5696	-0.3989	0.2811	-0.3814	-1.114	-0.3154	0.3961	-0.7439
952	-1.14	-0.4857	-0.705	0.155	-0.2975	0.12	1.159	-0.04	0
953	-0.7256	0.1387	-0.5206	-0.02063	-0.1331	-0.9156	0.8829	0.1344	-0.3156
954	-0.545	-0.2807	-1.07	-0.37	-0.7925	-0.275	1.374	-0.335	
955	-2.855	-3.321	-0.87	0.83	0.4175	0.115	1.914	-0.345	
956	0.57		-0.155	0.915		0.49	0.3386	-0.18	0.44
957	-1.173	-0.5385	-0.7378	-0.7478	0.1997	-0.5728	-0.05426	0.3072	
958	-0.3039	-0.3496	-0.9289	-0.1689	0.6186	0.8861	0.5446	0.4361	-0.2039
959	-0.7437	-0.3794	-0.8387	-0.1588	0.6587	0.5162	0.2048	-0.05375	-0.1638
960	-1.104	-0.2397	-0.9591	0.1009	0.9584	0.9159	0.4245	0.1659	
961	-0.95	-0.1657	-1.135	-0.445	0.6125	0	0.5586	0.2	
962	-0.4847	-0.4004	0.01031	-0.03969	0.04781	0.5653	0.8339	0.4453	-0.07469
963	-0.8933	-0.2389	-1.278	0.04172	0.5292	0.2467	0.8653	0.6467	-0.01328
964	-0.737	-0.3427		-0.302	0.3155	-0.06703		0.513	
965	-1.529	-0.3644	-1.564	0.00625	0.7537	0.7212	-0.0001953	-0.2887	-0.4588
966	-0.8006	0.1137	-1.046	-0.04563	0.5919	0.5794	1.308	0.6494	-0.2506
967	-0.49		-1.415	-0.645	0.3225	0.69	0.7186	0.77	-0.09
968	-0.8666	0.0777	-1.492	-1.432	0.3659	-0.006641	1.032	0.7734	0.2334
969	-0.8644	-3.91E-05	-1.169	-0.1594	0.5281	0.6156	0.7542	0.7056	0.07562
970	-0.6041	-0.4898	-0.6791	-0.2791	0.7684	0.2759	0.4544	0.5159	-0.09414
971	-0.1061		-0.7611	0.2189	0.4764	-0.5261	-0.3375	0.02391	-1.076
972	-0.2251	1.019	-1.24	-0.4201	0.007383	0.02488	-0.4766	-0.5551	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
973	0.04902	0.6334	-0.496	0.214	0.3515	-0.241	-0.4524	-0.341	
974	-0.4148	-0.09051	-0.9298	0.4902	0.6577	0.8752	1.294	0.7852	-1.005
975	0.45	0.2543	-0.435	0.005	-0.0175	0.88	1.809	0.97	-0.82
976	-0.675	0.1593	0.79		0.5875	0.365	1.624	0.835	2.045
977	-0.7712	0.1631	0.04375	0.9537	0.3312	0.3687	1.877	0.6788	-0.2713
978	-0.3873	0.257	-0.1623		-0.004844	-0.5173	2.431	0.5027	-1.477
979	-1.135	0.5293	-1.5	0	-0.0725	0.415	0.1236	0.715	0.135
980	0.4269	-0.1588	-0.8181	0.5319	1.039	2.247	0.6954	0.4569	-0.4031
981	0.17	-0.06566	0.535	0.325	0.3825	-0.25	-0.8014	0.52	0.35
982	0.3493	0.05359	1.374		-0.1682	-0.3207	-0.3022	-0.2407	
983	-0.24	0.1143	0.275	-0.555	-1.048	0.17	-0.7814	0.22	
984	0.7959	0.01027	0.3809	-0.3491	-0.3516	0.1259	-0.2455	-0.7041	0.6159
985	1.552	-0.0241	-0.5534	-0.4134	-0.05594	-0.4184	-0.4899	-0.3884	
986	1.116	-0.5798	-0.1891	0.2709	-0.2016	0.1459	-0.05559	-0.07414	-1.174
987	1.033	0.01684			-0.085	-0.5475	0.02105	0.3025	
988	1.225	0.2493	-0.02	-0.61	-0.0125	-0.175	-0.5164	-0.075	-0.465
989	-0.54	-0.1357	-0.945	-0.905	-0.2875	-0.27	-0.02145	-0.24	-0.69
990	1.082	-0.09316	-0.0325	0.2475	0.245	0.1925	-0.1489	0.1825	0.0425
991	0.5913	1.316	-0.9637	0.4863	-0.04619	-1.529	0.8899	0.07131	
992	0.1547	0.469	0.009688	0.1997	0.4672	0.004687	0.1432	-0.2553	
993	-0.7187	-0.2144	1.616	0.00625	-0.4063	-0.7988		-1.189	
994		-0.1757	-1.065	0.375	2.342	2.06	0.7386	-0.13	0.02
995	-0.025	-1.431	-0.65	-1.14	0.3675	0.135	-0.5064	-0.785	
996	-0.4775	-0.03316	0.0975	-0.1225	0.265	-0.6575	-0.06895	1.012	
997	-0.252	0.0723	-0.03703		0.3605	0.258	0.1165	-0.122	
998	-0.77	-0.1257	-1.465	0.185	0.9725	-0.01	0.8686	0.53	
999	-0.7144	-3.91E-05	-0.7694	0.8706	1.718	1.626	0.5942	0.5656	0.02562
1000	-0.69	-0.4657	-0.695	0.035	0.6325	0.79	1.089	-0.42	0
1001	-0.9652	0.4491	-0.1702	-0.4702	0.0773	-0.0352	-0.3266	-0.7052	-0.6752
1002	-0.2598	0.1045		-0.2848	0.1327	0.5902	-0.1713	-0.2498	-0.3998
1003	-0.3259		-2.001	0.2891	0.2066	0.3541	0.3227	0.2141	-0.6059
1004	-0.185	0.8693	-0.94	-0.09	0.2175	-0.195	0.02355	-0.005	
1005	-0.02031	0.374			0.1422	0.3697	0.4982	-0.1303	
1006	-0.59	0.9343		-0.195	-0.1175	0.5	0.008555	-0.05	
1007	-0.4	-0.5057	-0.015		0.2625	0.39	0.1386	-0.39	
1008	-1.118	-0.1032	-0.0025	0.9475	-0.415	0.0425	1.501	0.2625	0.2425

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1009	-1.077	0.006836	-0.1325	0.9875	-0.265	-0.0375	1.121	0.5725	0.8825
1010	-0.8875	-0.9032	-0.0325	-0.9125	-0.225	0.3325	0.2011	-0.4275	-0.2075
1011	-0.95	0.02434	-0.485	-0.395	-0.0975	0.47	0.2586	-0.66	0.52
1012	-0.14	0.1243	0.185	-0.305	-0.8675	0.19	-0.1114	-0.27	0.31
1013	-1.145	-0.3411	-0.7205	-0.08047	0.09703	-1.135	0.6231	0.1845	
1014	-0.1398	-0.1655	0.3452	-0.6448	-0.5273	-0.2598	-0.5013	-0.1998	-1.35
1015	-0.3706	0.1437	-0.2556	-0.4056	0.2219	0.2894	0.4279	-0.3306	
1016	-0.3424	0.1519	-1.277		0.1101	-0.07242	-0.9239	-0.2624	0.8976
1017	0.47	0.05434	-1.555		-0.2175	0.17	0.1786	-0.46	
1018	0.55	-0.2357	-0.595	-0.115	-0.2775	-0.27	0.02855	0.24	-0.1
1019	0.1992	0.5835	-1.636	-2.566	-0.2483	0.07918	-1.422	-1.541	
1020	0.38	0.05434	-2.455		-0.0675	0.68	-1.241	-1.04	-1.51
1021	-0.03594	0.0284	-0.1909	-1.541	0.04656	-1.056	-0.5174	-0.1959	0.4941
1022	-0.14	-0.3457	0.425	-1.025	-0.4475	-0.26	-1.301	4.05E-08	
1023	-1.52	0.2743	-0.775		-0.1275	-1.06	-1.561	-0.1	
1024	-0.2142	0.3201		-0.7092	0.04828	-0.2842	-0.2057	-0.4642	
1025	0.545	0.07934	-0.11	-0.1	0.1675	-0.405	-0.5864	0.065	-0.305
1026	1.18		0.3352	-0.3148	0.7227	-0.05984	0.8287	-0.2298	
1027	0.9744	1.119	-1.511	-0.1706	0.2369	0.9944	0.9329	0.1944	-0.2956
1028	-0.592	0.1123	-1.037	0.05297	0.1905	-0.01203	0.08652	0.138	-0.482
1029	-1.81	-0.3157	-0.025	-0.095	0.5525	0.29	-0.5014	1.11	0.15
1030	-0.1771	-0.2128	-1.032		0.7354	0.8429	0.8814	-0.2671	0.4229
1031	-0.7169	0.4975	-0.3719	-0.4119	0.3056	0.3331	1.672	-0.3669	-0.1769
1032	0.11	-0.3257	0.045	-0.055	-0.0175	0.02	-0.1914	0.58	-0.5
1033	0.8834	0.1777	0.1784	-0.0216	0.1959	0.5234	-0.03805	-0.3366	-0.6666
1034	-0.3348		-0.2898	0.06016	0.09766	-0.02484	0.07371	-0.02484	0.2752
1035	-1.02	-0.5857	-0.435	-0.595	0.8425	0.89	-0.04145	-0.36	
1036	-0.7139	-0.9196			0.6386	0.8361	0.4546	-0.2339	-0.7039
1037	-0.3906	-0.8363	-0.9856	-0.1956	0.6619	0.6194	0.4979	0.01938	-0.2406
1038	-0.1284	0.156	0.5266	-1.003	0.5141	0.1216	-0.009805	-1.128	
1039	-0.25	-0.1557	-0.445	-0.045	0.4625	0.39	1.189	0.84	0.47
1040	-0.4125	0.5018	-0.4875	-0.8475	1.05	1.558	0.5161	0.0175	-0.7325
1041	0.085	0.5093	-0.87		1.437	1.645	0.7136	-0.355	-0.135
1042		-0.06816	0.5525		0			0.0775	2.127
1043	-0.2165	0.3979	-0.6515	0.1785	0.236	-0.2665	-0.2179	-0.2165	
1044	-0.77		-0.075	-0.255	-0.0375	-0.06	0.9886	-0.08	-0.36

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1045	-0.8775	-0.08316		-0.0125	0.405	0.9425	0.5511	0.5025	-1.007
1046	-0.477	0.2974	-1.732	-1.052	0.2555	0.863	-0.0784	0.213	0.413
1047	-0.8973	0.09707	-0.7623	-0.1723	0.7252	1.103	0.4613	0.1027	
1048	-0.8095	0.6249	0.1255	-0.5945	0.283	-0.05945	0.9791	-0.1795	-0.1695
1049	-0.02426	0.5901	0.3207	-1.029		-0.7643	0.1843	-0.1343	
1050	0.1927	0.2571	-0.3223	0.4377	1.005	-0.02727	0.09129	-0.4673	
1051	-0.6256	-0.1313		-0.0006251	-0.01313	0.1644	0.8329	0.4144	
1052	-0.8716	-0.4273	0.04336	-0.1266	0.3609	-0.2616	0.5869	0.01836	
1053	-1.095	-0.5707	0	-2.06	0.3975	0.055	0.1836	-0.325	
1054	-0.8233	-0.07898	-1.138	-0.4883	0.4192	0.2767	0.1652	-0.4833	-2.153
1055	-0.1787	0.5456	0.1163	-0.5238	0.04375	-0.2188	-0.1002	0.8113	-0.5288
1056	-1.498	0.2361	-0.5333	0.05672	1.624	-0.2783	0.8603	0.3817	-0.6883
1057	-0.4925	-0.03816		-0.1375	0.39	0.6275	0.4861	-2.142	0.7275
1058	-0.4337	0.04059		-0.1588	0.9287	1.036	0.4248	-0.04375	-0.3938
1059	-1.02	-0.1357	-0.515	0.145	0.5625	0.79	0.5886	-0.04	-0.07
1060	-0.7497	0.09465	-0.004687	-0.1247	0.08281	0.4103	0.4989	-0.5597	-0.1797
1061	-1.367	-0.3225	-0.7519	0.1181	0.4356	0.03312	0.4717	-0.6069	
1062	-0.07062	0.1937	-0.4156	-2.846	0.3219	-0.6606	0.1379	-0.05062	-0.5506
1063	-0.72	0.02434	-0.725	0.355	0.1725	-0.38	-0.1014	-0.42	
1064	-0.715	-0.07066	-0.54	0.56	1.238	0.395	0.4736	-0.155	-0.125
1065	-0.81	0.5243	-0.805	-0.275	0.7625	0.79	0.6486	0.39	-1.06
1066	-1.186	0.2487	-0.7106	-0.07063	0.6369	0.1344	0.7129	0.1544	-0.4656
1067	0.1321	-0.4336		0.1071	0.07461	0.1221	0.4907	-0.4679	
1068	-0.5944	-3.91E-05	0.4706	0.09062	0.4781	0.3956	0.3942	-0.3644	
1069	-0.75	0.3043	-1.245	-0.335	0.4125	0.4	0.6686	-0.29	-0.53
1070	-0.9506	0.2237	-0.3356	-0.1756	0.6119	0.1994	0.1379	-0.5506	
1071	-0.985	-0.1707	-0.39	1.06	0.7775	1.125	0.5736	-0.605	
1072	-0.696	0.3583	0.489		1.126	0.554	0.2625	-0.416	
1073	-0.1837		0.4413	-0.2588	0.06875	0.9662	-0.005195	-0.2137	-1.014
1074	-1.013	-0.3383	-0.3877	-0.4177	0.05984	-0.3327	-0.4141	0.1773	0.7673
1075	-0.03402	-0.01969	-1.269	-0.389	0.3985	0.726	-0.1955	0.005977	-0.904
1076	-1.128	0.1065	-0.5028	0.5672	0.6347	0.8322	0.6307	0.3222	-0.3978
1077	-1.086	0.2081	-0.6212	-0.3313	-0.02375	0.9938	1.242	0.04375	
1078	0.2975	0.2718	-0.3975	-0.1175	0.71	0.7775	0.9561	-0.1425	
1079	-0.4331	0.1113	-0.1281	-1.058	-0.4906	0.1669	-0.4245	-1.213	0.3169
1080	-0.3089	-0.3046	0.09609		1.074	0.5911	0.3196	-0.2189	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1081	-0.6221	-0.007813	-0.4871	0.2429	0.9904	0.9179	-0.02359	-0.2821	-0.3921
1082	1.02	0.06434	0.065	-0.665	-0.2475	0.02	-0.5914	0.18	-1.44
1083	0.3628	-0.1529	0.1378		0.1453	0.1128	-0.1186	-0.5172	-0.6572
1084	-0.4525	-0.7082	-0.7575	-0.5375	0	0.9875	-0.3239	-0.0025	-0.8625
1085	0.5631	-0.3325	-2.032		-0.4944	-0.04688	-0.7683	-0.1769	-1.287
1086	0.2625	0.2368	-0.7825		-0.165	-0.3975	0.07105	0.4025	0.0725
1087	-0.22	0.4443	-0.695	0.535	1.642	1.35	1.259	-0.03	-0.74
1088	-1.142	0.002148	-2.087	0.3428	1.32	0.6478	0.8464	0.3178	
1089	-0.9038	0.7705	0.4212		1.419	1.126	0.5647	-0.9738	
1090	-0.09	-0.2357	0.025	-0.225	0.9825	0.73	0.4286	0.27	0.17
1091	-0.51	0.02434	-1.015	0.555	0.6725	0.76	1.379	0	
1092	0.66	0.09434	-0.985	-1.045	1.052	1.35	0.3886	0.17	0.38
1093	-0.6627	-0.07832	0.7223		1.06	-0.2727	0.5859	-0.2127	
1094	-0.7288	-0.2745	-1.104	-0.3238	1.284	-0.1088	0.1697	0.05117	
1095	-0.4844	-0.13	-1.319	-0.3994	1.258	-0.4244	0.03418	0.03563	0.2456
1096		-0.06441	0.5763	-0.4538	0.9137	1.641	0.9898	-0.3787	-0.2088
1097	-1.33	0.09434	-0.265	-0.515	0.8525	0.67	0.5986	0.32	0.33
1098	-0.4978	-0.08348	-0.3728	-0.3028	1.165	1.482	0.0007422	-0.6578	0.3022
1099	-0.9066		-0.7216	0.1784	1.166	-0.4066	0.7719	-0.4466	
1100		0.1893	0		1.487	2.305	0.04355	-0.365	
1101	0.325	-0.4007	0.23	-1.11	-0.0025	-0.215	-0.05645	-0.735	
1102	-1.123	-0.7685	-0.3478	-0.4578	-0.1203	-0.02281	-0.2243	-0.1928	0.01719
1103		0.1743	-0.305		0.4625	-0.32	0.2186	0.13	
1104	0.7396	1.114	0.4946	0.2146	0.05215	0.5496	-0.0718	0.6696	-1.75
1105	-2.148	-0.09324	0.03742		-0.7851	-1.058	0.09098	-1.068	-0.06758
1106	0.3895	-0.3962	1.444	0.2545	-0.598	-1.401	-0.05199	-0.1005	0.6495
1107	0.065	0.1793	0	-0.17	-0.6525	-0.515	-0.2464	-0.305	
1108	0.4281	0.4425		-0.5069	-0.4294	-0.09187	-1.043	0.1281	1.248
1109	0.11	-0.005664	0.425	-0.445	-0.1375	0.21	0.09855	0.07	-1.36
1110	0.07		2.355	-0.525	0.1125	0.48	0.7786	-0.03	
1111	-0.2639	-0.2196	0.4011			-1.134	0.03465	-0.4239	
1112	0.9122	0.8665		-0.07281	0.3447	0.1722	0.0007422	-0.4278	
1113	0.2175		0.0225	-1.438	-0.48	-0.4125	-0.4739	0.1175	
1114	0.5405	-0.07512	0.1655	-0.5045	-0.337	0.1605	-0.6509	0.06055	-1.349
1115	0.3405	-0.2951	-0.9545	-1.424	-0.137	0.6805	-0.4209	0.02055	-0.8895
1116	0.928	-0.0177	0.603	-0.237	0.1105	-0.172	-0.003477	-0.402	-0.342

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1117	1.066	-0.04953	-0.03887	0.9111	-0.09137	0.1861	-0.3953	0.7061	0.9761
1118	1.583	-0.01285	0.02781	1.208	0.1353	0.7828	-0.1086	0.01281	-0.01719
1119	0.0025	0.3668	0.9875	0.0375	0.035	0.6525	-0.03895	0.4625	-0.4375
1120	0.33	0.6443	0.685	-0.335	0.0925	0.55	-0.001445	-0.21	-1.12
1121	0.5129	0.6572	-0.3021	-0.3721	0.2154	-0.2371	-0.2986	-0.1171	0.1029
1122	-0.435	-0.3207		0	-0.1525	0.335	0.06355	-0.165	-0.175
1123	0.9186	-0.1671	0.1736	-0.4564	0.2111	0.5686	-0.2429	-0.06141	-0.2414
1124	0.1023	0.03668	1.397	-0.9427	0.4348	0.1623	-0.2291	-0.05766	0.1923
1125	0.2603	0.5846	-0.4147	-0.5947	0.04281	-0.1097	-0.4011	-0.4197	-0.5297
1126	1.196		0.2809	-0.07906	0.3484	1.846	1.144	-0.2041	0.03594
1127	-0.2891	1.225	0.5459	-0.1241	0.1934	0.4209	0.2394	-0.9491	0.6409
1128	1.049	0.06309	0.6138	-0.4463	-0.6388	0.1187	0.1173	-0.3513	0.9987
1129	-0.4539	-0.2496	0.1811	-0.7189	0.1786	0.8061	-0.05535	0.6561	0.7661
1130	0.545	-0.3807	0	0.11	0.2875	0.285	-0.3364	-0.285	-0.185
1131	0.3656	0.46	-0.9794	-0.1594	-0.3719	0.4956	-0.3758	0.07563	-0.07438
1132	0.29	-0.9657	-0.835	-0.845	-0.3275	0.02	0.3386	-0.02	-0.16
1133	0.1599	0.07422	-0.1951	-0.7151	0.002383	0.2699	-0.2016	-0.3601	-0.3201
1134	-0.02937	-0.995	0.5656	-0.6544	0.09312	-1.059	-0.2508	-0.1894	-0.4794
1135	0.3493	-0.2064	-0.2257	-0.8357	0.0418	0.7893	-0.01215	0.1693	-0.2707
1136		1.197	0.1772	-0.5528	-0.2153	-1.178	-0.2793		
1137	0.56	0.7043	0.115	0.325	-0.1875	-0.23	-0.5014	-0.1	-0.22
1138	0.6986	0.1229	1.024	-0.4164	0.3111	-0.1014	-0.09285	0.06859	0.2486
1139	0.6722		-0.07281	0.2572	0.2347	-0.1878	-0.3393	0.6622	-0.09781
1140	0.4447	-0.131	0.4497	-0.2003		0.5647	0.6732	-0.08531	0.8647
1141			0.1523	-0.3877	0.01984	0.4773	0.4659	-0.2027	
1142	0.5725	0.006836	-0.4425	0.2675	-0.005	0.1525	-0.2289	0.2625	-0.0775
1143	0.5125	0.2268	-0.0025	-0.2425	-0.415	1.722	0.03105	0.3525	0.0025
1144	1.035	-0.2507	0.65	0	0.2875	0.815	-0.05645	-0.025	0.325
1145	1.43	0.2343	-0.365	-0.395	-0.0575	-0.02	-0.2014	-0.19	
1146	0.3503	-0.5954	0.5853	-1.655	-0.4072	-1.13	0.09887	0.1703	
1147	0.18	-0.1657		-1.035	0.3325	-0.53	0.7486	-0.15	1.06
1148	0.025	0.5693	-0.1	0.13	0.0975	0.085	-0.4464	-0.505	-0.175
1149	1.26	-0.02566	0.035	-0.545	0.0325	0.67	0.2186	-0.42	0.33
1150	0.1752	0.009492	-0.09984	-0.1298	0.06766	-0.7248	0.06371	0.5952	
1151	0.99		0.885	0.305	-0.1975	-0.76	0.2086	-0.17	
1152	-0.08062	-0.2263	0.6644	0.2644	0.2819	0.9494	0.5979	0.04938	0.9494

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1153	-0.2869	-0.5225	1.008	0.4981	0.3656	0.6631	1.262	-0.2269	0.8231
1154	1.287	0.2709	0.3016	-1.268	0.04906	-0.4534	-0.7849	-0.6234	
1155	0.2763	-0.1694	-0.8787	-0.4388	0.08875	0.1562	-0.8852	-0.1237	
1156	0.245	-0.9807	0.76	-0.49	-0.2025	0.015	-0.1964	-0.555	0.655
1157	-0.715	0.07934	-0.36	0.04	-0.5225	0.165	-0.7564	0.025	0.425
1158	-0.04875	0.6156	-0.5237	-0.5538	-0.1663	0.2412	-0.5602	-0.2087	-0.3088
1159	0.74	-0.3457	0.385	-0.045	0.1525	1.01		-1.71	
1160	0.3	-0.1957	0.045	-0.505	-0.2275	-0.16	0.1886	-0.7	-0.37
1161	-0.5113	-0.4169	-0.07625	-0.2663	0.1512	-0.09125	0.0973	-0.09125	0.2487
1162	0.6163	0.5206	1.101	0.5812	0.4487	1.236	0.5948	0.1963	-0.7938
1163	-0.98	0.6743	-0.175	-0.265	-0.8375	-0.42	0.6086	1.86E-08	0.15
1164	-1.039	0.7454	-0.1639		-0.5364	0.02109	1.54	-0.06891	0.6611
1165	0.1702	0.2946	-0.7048		-1.107	-1.31	1.079	0.05023	0.5902
1166	1.236	-0.6494	-0.01875	-0.8288	0.1387	0.8762	0.2348	-0.7137	-0.7238
1167	-0.08	0.07434	-0.305	-0.025	0.0325	0.17	-0.2214	0.3	2.54
1168	-0.4612	-0.5569	-0.06625	-0.3163	0.03125	0.07875		0.3888	2.309
1169	1.308	-0.3482		-1.078	0		0.9261	-0.6125	
1170	0.67	0.3043	0.705	-0.645	0.0625	0.25	-0.4014	-0.37	0.75
1171	-1.1	-1.156	-0.825	-0.135	-0.2175	0.51	0.1486	-0.26	0.26
1172	0.2493		0.0143	-0.3257	-0.3982	0.6893	-0.1021	0.4593	0.3393
1173	0.235	-0.2407	-0.94	-1.7	-0.3825	0.165	0.7336	-0.225	-0.085
1174	0.1	-0.7657	-0.045	-2.015	-0.1675	0.18	-0.6714	-0.74	0.13
1175		1.157	-0.4021	-0.5521		1.013	-0.02859		-0.04715
1176	-0.8869	0.2075	-0.9119	-0.2419	-0.1744	-0.1269	-0.4683	0.4931	0.6331
1177	-0.6278	-0.7235	-0.4528	-0.3828	-0.3353	-0.01781	0.0007422	1.202	1.292
1178	0.9421	-0.2036	-0.6429	-0.4829	-0.01539	0.3521	0.1307	0.4221	0.5221
1179	0.7622		1.267	1.707	1.305	0.6622	0.0007422	0.3222	
1180	0.04422	-0.1114	-1.051	-0.4708	-0.5933	-1.446	0.4228	-0.6158	-0.03578
1181	-0.04062	0.5337		0.1644		-1.421	1.068	0.4194	
1182	-0.5433	0.9611	-1.548	0.7917	0.1292	-0.003281	-0.5247	-0.3833	-1.573
1183	-1.303	-0.1585	0.1622	-0.5578	-0.6803	0.4272	-0.3143	1.207	0.7272
1184	-0.94	0.1043		-0.275	0.4525	0.31	0.7486	0.16	0.35
1185	-0.6269		-0.6019	0.2281	0.9756	0.1031	0.3017	1.003	1.363
1186	-4.958	-0.9532	-1.952	-1.283	0.535	-1.058	-0.2489	-1.608	1.032
1187	-3.77	-0.05566	-1.905	-0.825	0.2525	-0.78	-0.2314	-1.73	1.04
1188	-2.51	-0.08566	-1.835	1.255	1.792	0.67	1.449	1.62	0.88

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1189	-3.127	-0.1729	-2.672	0.4178	0.7853	0.8528	1.451	-0.4772	0.4928
1190	-0.6127	-0.4083	-0.7777	-1.008	-0.06016	0.1273	0.5559	0.07734	-0.3927
1191	-0.7244	-3.91E-05	-0.7094	-0.3994	0.4681	0.2056	0.8642	0.2056	0.4756
1192	-0.7191	0.03527	-0.8041	-0.3841	0.3034	0.8409	0.6895	-0.03906	0.4109
1193	-0.7661	0.4182	-0.5711	-0.2611	0.4364	0.1239	0.9025	0.2839	0.1639
1194	-1.14	-0.1357	-0.625		0.1825	-0.68	0.4786	0.12	0.33
1195	-1.216		-0.7306	0.2594	0.7269	-0.01563	0.6229	0.9944	0.2144
1196	-2.044	1.03	-0.9291	0.4609	1.048	1.456	1.364	0.3959	
1197	-1.065	0.1393		0.36	1.348	1.735	1.534	1.805	0.475
1198	-1.672	0.002148	-0.4572	-0.2372	0.7203	-0.6522	0.4064	0.4578	
1199	-1.57	0.5943	-0.225		0.7025	1.35	0.5786	0	0.43
1200	-0.8959	0.5485	-1.331	0.4991	1.607	1.014	3.013	1.124	-0.1359
1201	-0.685	0.6593	-1.42	0.75	1.298	1.505	3.064	1.425	
1202	-0.3441	-0.1998	-1.109	0.5609	0.3284	1.196	1.154	0.6659	0.1859
1203	-1.25	1.404	-0.125	2.355	1.352	1.33	2.739	1.55	2.06
1204	-0.9425	1.882	-0.3975	1.352	2.86	2.428	2.506	1.978	
1205	-0.6609	1.973	-1.506	0.8341	1.832	1.409	2.868	2.339	
1206	-0.9917	1.363	-1.167	-0.03672	1.531	0.7383	1.537	0.8283	0.2783
1207	-1.22	-0.0559	-1.115	-0.1752	0.3823	0.6298	1.098	0.3698	0.8198
1208	-1.74	0.6643	-2.515	0.825	1.312	1.09	2.429	0.26	0.08
1209	-2.065	1.869	-1.35	0.88	1.668	1.535	2.864	2.235	0.675
1210	-2.172		-1.897	0.8033	0.3008	1.128	2.417	1.878	0.6083
1211	-1.5	0.6348	-0.7946	1.005	1.223	1.23	1.479	0.6404	0.9204
1212	-1.255	0.6995	-0.9498	1.27	0.6577	0.4952	1.424	0.7452	0.9952
1213	-1.554		-1.749	2.101	1.148	0.4256	2.324	1.286	0.8956
1214	-0.74		-1.215	-0.085	1.032	1.36	1.589	0.38	0.3
1215	-0.68	0.6843	-0.395	-0.225	1.042	1.42	1.459	0.57	0.21
1216	-0.8089		-0.7939	-0.02391	1.304	1.341	1.5	0.8011	-0.1089
1217	-1.209	0.6655	-1.094	0.05613	0.8336	1.161	1.25	0.5511	0.1811
1218	-0.9775	0.3968	-0.4525	-0.0525	1.095	0.8925	1.491	0.2825	
1219		-0.0423	-0.6616	-0.3616	0.8859	0.8334	0.5719	0.7734	-0.4666
1220		1.959	1.21	-0.4998	1.908	0.7552	1.474	0.3952	
1221	-0.4244	-3.91E-05	-0.5394	0.1706	0.8981	-0.1144	0.3442	-0.2044	1.606
1222	-1.37	-0.2654	-1.275	0.06531	0.4528	-0.5297	0.1189	0.4003	0.2603
1223	-0.97	0.4343	-1.045	-0.105	0.5825	-0.55	-0.04145	-0.12	
1224	-1.568	0.4066	-0.9427	0.5473	1.145	0.6923	1.401	1.322	0.6923

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1225	-1.024	0.68		-0.1594	0.2181	-0.3344	-0.1658	0.6956	
1226	-0.8341	0.5503	0.3609	-0.8091	2.198	2.166	2.044	0.4759	0.5559
1227	-1.378	0.4967	-0.5126	-0.2726	0.8149	1.742	0.361	-0.8076	0.5424
1228	-0.65	-0.3057		-0.035	1.782	1.49	-0.2814	0.26	
1229	0.1184	0.1427	1.303	0.4534		0.2984	0.8869	0.4284	
1230	0.1683	-0.1374	0.02328	0.5333	1.331	-1.762	0.3068	0.6983	1.138
1231	0.9269	0.1212	0.001875	0.7019	1.179	-0.3731	0.4254	0.8069	1.377
1232	0.1093	-0.02637	0.1843	0.8943	1.222	0.1893	-0.7121	0.7493	1.169
1233	-0.65	-0.4057	-1.415		-0.4375	0.08	0.9186	-1.34	
1234	-0.64		-0.815	0.135	0.2125	-0.16	-0.2814	-0.67	0
1235	0.7715	-0.2842			-1.116	-0.6885	0.89	0.2315	
1236	-0.6386	0.6457	0.6764	-0.3636	-0.7661	-0.3986	0.5	-0.1886	
1237	-0.49	0.4343	-0.395	-1.425	0.0725	-0.17	1.669	-0.07	-0.92
1238	0.01		2.185	0.865	0.7325	0.97		-0.75	
1239	-0.06844	-0.9341	0.5466	0.4566	0.3641	0.8216	0.7901	2.262	-0.2384
1240	1.32	0.1445	1.225	0.6752	0.3427	0.9602	0.8087	0.9202	0.6602
1241	3.8		0.455	-0.145	-0.4675	0	0.9786	2.29	
1242	3.982	0.6768				-0.9675	-0.3589	-0.1775	
1243	1.761	0.06512	-0.6442	0.06578	0.1933	-0.3792	-0.3607	-0.8892	-0.7992
1244	0.8531		-0.6619	0.7881	0.3556	-0.05688	-0.8683	-0.4769	
1245	-0.8873	-1.873	-1.162	2.538	2.345	0.4027	-0.7987	-1.227	0.6227
1246	-0.01	-1.196	0.345		-0.0175	0.25	-0.08145	0.11	-0.13
1247	1.33	-1.106	-0.165	1.135	-0.0375	-0.93	-0.7014	-1.13	
1248	0.27	-0.6357	0.635	1.335	1.242	-0.76	-0.8714	-1.11	
1249	2.19	0.3243	0.425		2.042	-1.01	0.1086	-0.57	
1250	1.498	1.442	0.983	0.573	-0.2395	-1.732	-1.003	0.608	
1251	0.8832	0.6376	0.4782	0.1982	0.5357	0.6732	0.3618	-0.06676	0.7532
1252	0.97	0.4243	-0.575	-0.305	0.4625	0.18	0.5886	-0.08	
1253	-1.345	0.5493		-1.19E-09	-0.0925	-1.355	0.4636	-0.085	
1254	2.4			0.555	-0.7275		-0.02145	-0.45	
1255	2.405	-0.7008	-0.9201	-0.2101	0.0974	-0.9851	-0.5765	-0.8751	
1256		-0.1357	0.595		-1.037	0.04	0.1886	-0.26	
1257	1.97	-0.1057	0.595	0.085	0.3125	0	-0.6114	-0.45	
1258	0.4431	0.007461				-0.7569	-0.07832	0.1531	
1259	3.147	-0.5489	0.8217		-0.4608		0.3753	-0.5033	
1260	0.6948	-0.6909	1.64		-0.2327	-0.1152	-0.7466	-1.525	5.025

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1261	-0.055	-0.2807	1.3	0.94	-0.1425	0.035	-0.3064	-0.645	1.135
1262	3.548			3.443	3.121	-0.572	-0.6334	1.248	
1263	0.69	0.2043	0.355	0.535	-0.7175	0	-1.371	-0.66	1.22
1264	0.2075	-0.05816		0.2225	-0.39	0.4475	0.5661	0.4575	0.5175
1265	0.9748	0.07918	0.2098	0.2898	0.007344	0.5648	0.3034	0.2648	1.155
1266	1.624	-0.7013	-0.9806	0.6494	0.4169	1.274	1.223	-0.06562	1.994
1267	-0.5056	-0.001289			1.817	-0.3456	-0.5471	1.024	
1268	1.596	0.93		1.521	0.6181	-0.3144	-0.7258	0.9956	2.646
1269	2.059		0.7641	0.8941	0.2816	-0.3609	-1.162	1.179	2.289
1270	0.1093	0.1036	1.224	3.014	1.942	0.9493	1.258	1.179	1.259
1271	0.13	-0.7557	-0.235	-0.055	0.2325	-0.24	-0.5714	0.73	1.65
1272	-0.5		1.225	-1.085	-0.8875	-1.91	-2.211	0.2	2.28
1273	1.626	-0.05004	0.7206	0.4706	-0.4619	0.7256	0.07418	-0.4344	0.8156
1274	1.569	-0.4769	1.194	0.8337	-0.06875	0.9987	0.4173	-1.001	0.07875
1275	0.6225	0.4468	-0.5325	-0.8925	-0.135	1.763	1.351	0.1025	
1276	0.2188	0.3231		-4.046	-0.02875	0.5587	0.1173	-0.6712	
1277	1.442	-1.174	-0.643	-0.773	-0.4855	-2.008	-0.7095	-0.06805	
1278	1.52	-1.156	-0.105	-1.095	-0.4475	-0.51	-0.3014	-0.89	
1279	1.566	0.87	0.1906	-1.139	-0.6119	-1.654	-0.9158	0.4656	
1280	1.838	-1.428	-1.547		-0.81	-0.8225	-1.414	-1.492	0.06754
1281	0.29	-0.09566	1.105	0.655	-0.0775	0.31	0.5686	-0.63	-0.09
1282	0.08	0.6443		0.315	-0.4675	0.02	0.5086	-1.08	
1283	-1.516		0.1289	-0.3311	-0.7036	0.4239	0.5525	0.5239	0.2739
1284	0.6211	0.3454	-0.5539	-1.504	0.09359	0.6311	-0.03035	0.3511	-0.9689
1285	0.4359	-0.1697	0.7109		0.2584	0.2059	-0.3855	-0.5641	-1.774
1286	1.148	0.01184	0.0025	-0.3775	0.04	-1.072	-0.5239	-0.4425	
1287	-0.3456	1.209	-0.2506	-0.4706	0.07687	0.3144	-0.5671	-0.06562	-0.9056
1288	-0.51	-0.7057	-1.265	-0.435	-0.3575	-0.09	-0.8114	-0.34	-0.01
1289	-0.14	-0.5357	0.285	-1.955	-0.0275	-0.26	-0.8114	0.22	0.1
1290	0.3548		-0.1702	-0.1702	0.1673	0.5548	-0.2866	-0.5452	0.4548
1291	1.045		-1.07	-0.6605	-0.433	0.2245	-0.8669	-1.255	
1292	-0.5278	-0.2335	-0.1028	0.2472	0.1947	0.002187	0.5807	0.09219	0.9122
1293	0.7841		-0.06086	0.3791	-0.2834	-0.005859	-0.0373	-0.7459	-0.1859
1294	-0.01453	-0.1902	0.5405	-0.5495	-0.03203	-0.8545	-0.206	0.6555	-0.4145
1295	-0.3856	-0.3213	0.2794	-0.2606	-0.2231	0.02437		0.1444	0.8344
1296	-0.3397	0.08465	-0.4047	-0.7747	-0.6372	-1.78	0.07887	-0.5197	-0.1497

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1297	-1.45	-0.5357	-0.795	-0.565	-0.3375	-0.07	-0.6714	0.01	-0.96
1298	-1.17		-0.485	-0.845	0.0725	-1.25	-0.7314		-1.66
1299	-0.9712	-0.4269		-0.3863	-0.4388	-0.8813	-0.0527	-0.2412	
1300	-0.13	-1.356	-0.675	-0.735	-1.308	-0.82	1.199	-1.08	-1.35
1301	0.03492	0.5293	-0.4301	-0.1501	-0.1226	-0.2251	-1.417	-0.1551	
1302	-1.973		0.2723	-1.838	-1.21	-1.513	-1.164	-1.433	-0.3127
1303	-0.2941		1.411	-0.3191	-0.7316	-0.4741	-0.3255	-0.1341	
1304	0.1394	0.3937	0.1044	-0.4756	-0.07813	0.3594	-0.1721	-0.4206	0.03937
1305	1.033	-0.2927	1.088		-0.07453	-0.837	-0.7585	-0.527	
1306	0.3025	-0.3732	-1.032	-0.0525	0.315	0.5425	0.4911	-0.9175	-0.8675
1307	2.851		-0.8345	-0.4845	-1.127	-0.08945	-0.2509	-1.039	0.7305
1308	2.362	-0.2833	0.4574	-1.023	-0.7551	-0.1476	-0.169	-1.858	0.4124
1309	-0.2825	0.5718	0.3925	1.722	-0.88	-0.7125	1.516	0.0575	-1.073
1310	0.9263	-0.9794	0.3813	0.4712	-0.03125	1.226	1.725	-0.4237	1.396
1311	0.2163	0.6706	-0.9287	0.2512	0.06875	0.7463	-0.2352	1.196	
1312	-0.2166	0.4077	-1.752	0.0584	-0.004102	-0.0466	0.03195	1.093	
1313	-0.2164	0.1879	0.1886		0.1361	0.1236	0.4121	-0.2864	1.144
1314	0.2921	0.3064	-0.1329		0.01461	0.1221	1.101	0.07211	1.372
1315	0.48	0.7143	1.755	1.255	0.1725	0.07	-0.1914	-0.44	0.45
1316	0.665	1.159	-0.07		-0.9125	0.265	0.4136	-0.725	1.255
1317	-0.9084	5.076	3.077	0.7066	0.6741	0.1716	-0.6299	0.02156	3.902
1318	-0.1633	1.951	0.8217	-0.5483	0.4192	0.4167			2.467
1319		-0.2876			-1.169	0.338	-1.023	-1.622	
1320	-0.1843	-0.19	-0.1893	0.0007031	0.1382	-0.3543	-0.4257	-0.4243	-0.2143
1321	-0.2755	0.7489	-1.36	-1.68	-0.283	0.2945	-0.1169	-0.04547	-0.6155
1322	0.5686	0.5029	0.4936	2.334	2.351	-1.301	-1.413	-1.341	
1323	1.007	0.3315	0.9922	-0.007813	0.4897	-0.3428	-0.4543	-0.5328	1.407
1324	-0.87	0.04434	1.125	0.115	-0.6175	-0.38	-0.09145		-1.09
1325	-0.6039	0.1004	0.6911	0.8511	-0.3614	0.6961	0.1246	0.8761	0.09609
1326	-0.01	1.664	2.795	-0.965	-0.0675	-1.42	-1.401	3.13	
1327	0.003906		1.239		-0.7836	0.2239		-0.5261	
1328	1.684	0.2681	0.1888	-0.9213	0.00625	0.1738	-0.2377	-0.1462	-0.6963
1329	0.6988	-0.2269	-0.04625	-0.3063		-1.461	-0.7527	-0.5912	
1330		-0.19	-0.3493	-0.7693			0.3443	-0.9243	-1.214
1331	-0.9333	-0.2889	-0.1883		0.2992	0.2167	0.6153	-0.3233	
1332	-0.4887	-0.09441	-0.9137	0.06625	-0.6063	0.05125	0.3698	-0.6487	-0.1788

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1333	-0.1344	-3.91E-05		-0.06938	0.2781	0.7656	0.3742	0.09563	0.01562
1334	0.6922	1.017	-0.3928	-0.7328	-0.3053	0.6622	0.0007422	-0.3378	0.01219
1335	-1.172	-0.2676	0.213	-1.357	-0.4695	-0.292	-1.553	-0.872	0.498
1336	-0.5577		-0.2827			-2.518	-1.239		
1337	0.1244	-0.7013	-1.101	-0.3606	-0.06313	-0.6656	-0.9071	-0.4056	0.7944
1338	-0.09547	-0.4811	-0.6405	-0.4105	-0.613	-1.455	0.4131	0.08453	0.6745
1339	-0.2256	-0.1513	-0.3006	-0.8406	-0.3631	0.1144	-0.3571	-0.4756	0.3144
1340	-0.71			-0.005	0.1825	0	-0.4214	-0.54	
1341	0.348		0.573	-0.837	-0.9995	0.06797	-0.9635	0.09797	-0.852
1342	-0.9256	-0.8213	0.2294	-0.5406	0.07687	-0.7356	-0.2571	-0.07562	1.104
1343	0.44	0.6343	1.945	-1.625	0.0925	0.29	-0.4014	0.55	-0.48
1344	0.274		-1.051		-0.8635	-0.756	-0.4675	0.284	
1345	-0.165	0.5194	-0.25	-0.56	-0.3825	-0.285	0.3636	0.06504	-0.585
1346	-0.8942		-0.09918		-0.8517	-0.2142		-1.994	1.146
1347	-1.472		0.1735	-1.087	-0.329	0.8285	2.087	-1.702	
1348	-0.4404	-1.086		-0.6954	-0.4279	0.8896	1.068	-1.4	
1349	0.9894	-0.07629	-0.9256		1.932	0.4694	-0.6121	-0.2906	
1350	0.8298	-0.4659	-0.1852		-0.7977	-0.5102	-3.242	-1.24	
1351	-1.955	0.009336	-0.14	0.26	0.2875	0.625	0.3536	-0.585	-0.085
1352	-2.667	-0.5727	-0.272	-0.732	-0.07453	-1.627	-0.5885	0.483	-0.407
1353	-1.526	0.6182	0.4889	1.559	0.8364	-0.6061	-0.6975	0.6339	
1354	-1.495	-0.6207		0	0.6575	0.135	0.02355	0.815	
1355	-0.84	-0.2357	-0.005	0.065	0.9925	0.03	-0.4114	0.99	-0.34
1356	-1.124	-0.4197		0.05094	0.7584	0.04594	-0.2255	0.9559	-0.5241
1357	-1.565		0.76	0.69	0.8375	-0.905	-0.1064	0.145	
1358	-0.9976	0.07674		.	1.325	0.3724		0.3024	-0.6176
1359	-1.062	0.1526		0.4633	0.2208	-0.1117	-0.5632	0.7983	-0.3517
1360	-1.77	-1.266	-0.775	-1.605	-0.8275	-1.42	-1.101	0.28	-0.2
1361	-0.2612	-0.1469	-0.2862	-0.4763	-0.4488	-1.561	-0.1327	0.4888	-0.5013
1362	-0.6	0.1243	0.185	0.535	0.2625	-0.13	-0.2214	-0.47	-0.93
1363	-1.961	-0.9367	0.03398	0.424	0.8715	0.909	-0.1825	-0.001016	-0.291
1364	-1.37		0.575	0.425	0.9725	0.69	-0.1514	0.03	-0.94
1365	1.839	0.08363	0.6443	-1.106	-1.078	0.5693	0.4079	-0.1407	0.9293
1366	0.1673	0.0416	0.3723	-1.108	-1.05	-1.343	0.3058	0.2373	
1367	0.54	-0.5957		1.105	0.9225	-0.1	-0.2014	1.57	
1368	-1.445	0.1893	-0.01		0.0475		-0.1564	0.685	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1369	0.2971		0.8621		-0.02043	1.557	2.036	-0.8529	
1370	0.39	-0.07566	0.035		0.3825	-0.11	-0.1214	-0.2	
1371	0.18	-0.3057	-0.295	0.525	1.032	0.31	-0.2514	0.02	0.17
1372	0.415	-0.2707	0.32	0.47	1.028	-0.695	-0.1764	-0.485	
1373	-1.6	-0.5257	0.365	-0.295	-0.0975	-0.2	-0.2914	2.6	1
1374	-0.975	0.7093	1.21	1.62	1.367	-0.525	0.9536	1.495	
1375	-0.37	0.9243	1.335	1.375	1.522	1.03	0.9086	1.62	0.95
1376		0.3007	0.02141	0.4814	-0.03109	-0.1536	0.855	-0.2436	
1377	-0.4075	-0.2232			0.105	0.3825	0.8411	0.1325	
1378	0.1759	-0.07973	0.4609	0.5109	-0.1316	-0.1341	-0.5455	-0.4041	-0.3541
1379	0.0648	-0.4509	0.0498	-0.0302	0.0673	0.0348	-0.9466	-0.4352	-0.2952
1380	1.385	1.069	2.7	0.16	0.3375	-0.535	-0.8764	2.595	-0.605
1381	0.1888	-0.4369	-0.2962		-0.07875	1.129	0.2473	-0.2412	-0.3013
1382	-0.2444	0.36	-0.1894	-0.2794	-0.4919	1.536	0.5042	-0.1844	0.7456
1383	-0.11	-0.3457	0.085	0.605	0.5425	-0.36	0.4286	-1.06	0.62
1384	2.7	0.1243	-0.685	-0.225	0.2925	-1.57	-0.04145	-0.62	-0.8
1385	2.94	-1.056	0.485	0.465	0.5525	-0.22	0.09855	-0.43	0.52
1386	1.822	-1.134	0.2666	0.5866	-0.02594	0.3516	0.4301	0.3316	-0.5784
1387	1.42	-0.9057	0.515	1.155	0.0525	-0.19	1.069	0.1	
1388	1.179	-0.7763	1.684		0.1819	1.129	1.308	-0.7406	0.9494
1389	0.8738			0.4787	0.03625	-0.1162	-0.9477	0.5038	
1390	0.03984	-0.1458	0.7548	1.115	0.4323	-0.6602	0.3484	-1.5	0.4298
1391	-0.5854	1.099	0.6096	0.1496	0.04715	-0.9954	-0.2068	-0.8354	
1392	-0.5712	0.4031	1.354	1.244	1.431	-2.461	0.2273	0.3888	0.4087
1393	-0.9206	-0.4163	-0.1556	-0.05563	-0.3081	-0.07063	0.9779	0.4494	0.8094
1394	0.3059	-0.7797	1.121	-0.2791	-0.2816	-0.3241	-0.1855	0.1159	0.1859
1395	0.35	0.07434	0.035	0.565	0.1025	-0.55	-0.04145	-0.35	-0.13
1396	0.07	-0.2457	0.045	0.425	0.1525	0.02	-0.1914	0.06	0.22
1397	0.515	-0.5407	0.52	0.39	0.0975	0.035	0.3836	-0.785	0.955
1398	0.6473	0.3717	1.842	1.382	1.47	-1.583	-0.4741	-2.683	0.3473
1399	1.858	-0.2679	0.2128	0.5928	0.1003	-0.9622	-0.9336	-0.3622	
1400	0.2148	0.08914	0.9398	0.4098	0.7473	-0.0852	0.1934	-0.7752	
1401	0.36	0.4443	0.735	0.535	0.5925	-0.16	0.1886	-0.66	0.55
1402	-0.6484	-0.4341	0.006563	0.6266	0.6641	-1.268	0.3401	0.001563	
1403	0.59	-0.3257	-0.735	-0.275	-0.2275	-1.08	-1.411	-1.12	0.35
1404	0.1961	-0.09957	0.2211	-0.1989	-0.04141	-0.2839	0.2546	-0.1139	0.5861

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1405	0.402	-0.1537	-0.05305	-0.09305	-0.1955	-0.248	0.2705	0.222	0.372
1406	0.2394	0.5137	1.134	-0.02563	-0.09813	-0.4006	-0.6321	-1.921	0.4494
1407	1.31	-0.02566	0.765	0.345	0.4925	-0.15	-0.05145	-0.73	0.31
1408	0.4828	0.5471	-0.3122	-0.5722	-0.06469	-0.1072	-0.8086	-0.01719	-0.2272
1409	-2.16	-0.5952	0.1355	1.015	1.043	0.1605	-0.0009766	1.32	0.7805
1410	-2.002		-0.9266	0.9034	0.8609	-0.5016	-0.4931	1.508	0.6484
1411	-2.31		-0.845		0.8825	-0.71	-0.3214	1.62	0.28
1412	-0.1041			-0.8791	-0.6316	0.005937	0.9045	-0.2441	0.4959
1413	0.0757	-1.03			-0.3818	-0.3343	0.8043	0.6457	1.166
1414	-0.5661	-0.8718	-0.7211	-0.2411	0.2164	-0.6861	0.01246	-0.4261	
1415	-2.315	-1.631	0.44	-1.36	-0.1825	-0.455	1.624	-0.205	1.605
1416	-1.478		0.2575	0.3975	-0.475	-1.528	-0.2189	-0.0575	0.3525
1417	-1.134	-0.74	0.3306	0.4806	0.4181	-0.6444	-0.2358	0.7856	0.6556
1418	-0.8856	0.6687	0.8394	1.049	1.127	0.1844	0.3629	0.5244	1.344
1419	-0.3812	0.9331	0.7538	0.4337	0.1112	-0.5813	-0.5727	-0.5012	0.2687
1420	-0.5778	0.7465	0.06719	0.8272	0.7547	0.4722	0.5507	-0.04781	1.622
1421	0.00875	-0.6269	-0.4762	1.214	1.001	0.2787	0.7773	-0.2812	0.5687
1422	0.02195	-0.05371	0.507	0.827	0.9845	1.212	1.131	0.542	0.662
1423	-0.425	-1.101	0.41	1.19	0.1775	-0.365	0.6336	1.795	
1424	-0.6025	-0.5982	0.0825	-0.2175	-0.18	-0.5025		0.6375	0.8375
1425	1.39	-1.186	0.015	0.745	0.7625	-0.61	0.3086	-1.11	0.27
1426	-1.644		0.7111	1.411	1.079	0.1161	-0.08535	0.3261	1.696
1427	-1.16		0.345	0.905	1.712	-1.08	0.2786	0.85	1.36
1428	-1.163	-1.308	0.4022	0.9322	1.38	-1.993	0.1657	0.6672	1.517
1429	-1.179		0.2461	0.6661	1.444	-0.5689	0.1496	1.041	1.491
1430	0.1145		-0.2105	-0.1805	-1.673	-0.6855	-0.7769	0.1445	0.1945
1431	-0.008594	-0.2943	-0.1236	-0.4236	-0.08609	-0.7286	-0.66	-0.6186	
1432	-0.05		0.625	-0.035	0.1825	-0.64	0.1186	-1.15	1.08
1433	-1.01	-0.4857	0.215		0.4925	0.16	-0.1114	0.11	0.3
1434	-0.6597				-0.5572		-0.7011	-1.04	0.7103
1435		-1.424	0.2366	0.6966	0.2041		1.31	-0.3684	0.1616
1436	0.5359	0.1503	0.7509	-0.009063	0.1984	-0.7041	-0.3755	-0.7441	0.1459
1437	-0.7733	-0.4189	0.5717	-0.06828	-0.07078	-0.8433	-0.7647	0.2367	0.3367
1438	0.4963	0.1606	1.411	0.4712	0.3887	-0.9738	-0.0652	-0.5037	
1439	0.8502		-0.2548	-0.01484	-0.4973	-0.2798	0.3687	-0.5998	0.3802
1440	0.26	0.5043	0.895		-0.5375	-1.6	0.3786	-0.02	0.53

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1441	0.2593	-0.1064	0.2543		0.8218	-0.4407	0.5579	-0.9607	1.289
1442	0.3935		0.2685	0.1985	0.956	-0.8765	0.8021	-0.7765	0.8135
1443	0.7044	-1.201	-1.471	-0.3306	-0.06313	1.214	1.573	-0.7656	0.7544
1444	-0.287		-0.292		0.6755	-0.307	0.001602	-0.447	
1445	0.791	0.2153	-0.414	-0.084	-0.2565	0.291	0.5396	0.401	-0.219
1446	0.14		-0.665	0.005	-0.1375	0.44	0.5486	0.59	-0.2
1447	0.7105		-0.3845	-0.8545	-1.137	0.1305	0.3391	0.2905	-0.6395
1448	0.0391	0.1434	-0.7459	-0.6059	-0.9984	0.1191	0.4277	0.0691	-0.9809
1449	0.05281	-0.3529	-0.002187	0.5078	-0.7447	-0.5172	-0.1286	1.073	
1450	0.99	-0.5157	0.415		-0.6575	-1.13	0.2086	-0.81	
1451	1.21	-0.6357	-0.655	-1.305	0.0225	0	-0.3614	-0.83	0.68
1452	0.9711	0.2654	2.536	-1.494	-0.2964	1.071	1.88	0.5611	0.9711
1453	0.1972	-0.2085	0.3222	-1.088	-0.1903	0.3872	0.9557	-0.2828	0.2072
1454	-0.37	-0.2657	-0.475	-0.125	-0.3375	-0.49	0.1486	0.33	-0.33
1455	-0.3522	0.04215	0.02281		-0.1097	-0.1722	-0.09363	-0.1122	
1456	-0.4897	0.4346	0.1953	-0.04469	0.2028	-0.4397	-0.6311	-0.1897	-0.7497
1457	0.35	-0.1857	0.895	0.425	0.1725	-1.45	0.4086	-0.27	1.56
1458	-1.39		-0.075	-0.455	-0.5575	-0.84	-0.4414	0.69	1.18
1459	-1.061		0.5238	0.1537	-0.8788	-0.3113	0.1573	-0.3012	0.7787
1460	-1.62	-0.2257	0.375		-0.1375	-0.62	-0.3614	-1.33	0.64
1461	0.005703	0.3	0.6407	-0.9893	-1.402	-1.424	-1.506	0.5057	1.136
1462	-1.27	-0.3757	0.535	-0.075	-0.0875	0.11	0.3986	0.58	-0.54
1463	0.4825	2.607	-0.2225	0.0575	0.365	-0.3575	-0.008945	-0.1975	0.7525
1464	0.1111	-0.2145	0.9661	-0.7639	0.05363	0.3211	0.1497	-0.4989	-0.4289
1465	-1.061	1.024			-0.4781	-0.8006	0.6679	-0.6006	
1466	-1.663		-0.4077	0.1123	-0.7002	-0.4327	-1.224	-1.123	-1.123
1467	0.3203	-0.1754		0.4953	-0.5272	-1.31	0.5989	-0.7697	
1468			0.9538	0.1637	0.1212	-0.7513	-0.6627	1.509	0.8287
1469	-2.45	-1.096	-0.485	0.265	-0.9175	0.86	1.959	1.42	0.86
1470	-0.6645		0.5105	-0.2595	-0.672	-0.1045	-0.5259	1.716	
1471	-0.54	0.9043	0.295	0.085	0.4025	0.19	-0.9514	-0.23	-0.81
1472	-0.2169	-1.213	-0.5719	-0.7919	-0.01438	0.6731	1.782	0.1331	-1.467
1473	0.5988	-0.5869	-0.8962	-0.1863	-0.7288	-1.811	-1.553	0.1688	
1474	0.4011	-0.1046		0.6361		-1.259	-1.45	-0.05891	
1475	-0.29	-1.076	-1.025	0.005	-0.2375	0.31	0.5286	-0.52	0.97
1476	-1.2	-1.986	-0.205	0.525	0.2125	-0.85	0.5386	-0.41	1.95

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Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1477	-0.8812	-1.017	-0.00625	-1.846	-0.5388	0.3087	0.0173	-0.6212	0.4487
1478	-0.9887	-0.7544	-0.8237	0.5162	0.00375	0.2612	0.4398	-0.1787	0.3412
1479	-0.6952	-0.5409	-0.9602	-0.1202	-0.1827	0.1748	0.5734	-0.5352	0.8848
1480	-1.098	0.08652	0.03719	0.07719	-0.2453	0.7922	0.0007422	1.192	-0.6878
1481	0.67	-0.3557	-0.435	0.085	-0.0375	0.19	-0.2914	-0.58	-0.33
1482	-0.1389	0.5554	1.026	-0.6539	-0.6964	0.02109	-0.05035	-0.08891	-0.2689
1483	-0.65	1.594	-1.035	-1.115	-0.6775	1.32	0.8886	0.33	-0.58
1484	-0.7977	-0.08332	0.4173	-0.8027	-0.4252	0.2123	-0.1291	0.2123	0.2323
1485	-0.5161	-1.872	-1.801		-1.684	-0.1761	-0.1475	0.08391	3.304
1486	-0.555	-0.5007		0.39	0.0875	-1.855	-1.446	0.315	-0.205
1487	0.208	-0.0177		0.323	-0.2795	0.06797	-0.4935	0.318	0.938
1488	1.355	0.3693		-0.36	-0.3625	0.195	0.5236	-0.285	0.935
1489	-0.498	0.1463	-0.01305	0.797	0.1545	0.772	0.2905	-0.008047	0.702
1490	-0.4004	0.354	1.195	0.7146	0.6321	-0.7104	-0.6218	-0.5704	1.61
1491	0.341	-1.125	-0.214	-0.264	-0.006484	-1.299	-0.07043	0.731	1.051
1492	-0.93	-1.376	-0.085		1.022	-0.03	-0.3814	0.49	0.49
1493	0.83	-0.07566	0.925	-1.365	0.0725	-0.25	-0.07145	0.05	0.08
1494	1.44	0.1443	1.195	0.455	-0.0475	-0.29	0.05855	-0.13	1.91
1495	2.208	0.0427	1.243	0.3534	0.3109	-0.8216	-0.3331	-0.2916	0.2584
1496	-0.6552	0.1791	0.8198	-0.0402	0.4173	-0.0152	-0.1966	-0.3352	-0.8752
1497	-1.866	-0.7314	-0.9708	-0.2608	0.3267	0.6042	0.01277	-0.04578	1.104
1498	-0.26	-0.9257	-0.555	-0.325	-0.4275	0.83	1.169	-0.29	0.35
1499	0.04178	0.1061	0.8468	0.3768	-0.02572	-0.1382	-0.2997	-0.8482	1.972
1500	-0.5087	-0.5944	-0.5137	-0.02375	0.6137	0.2512	0.1998	-0.6687	1.181
1501	-1.46	-0.5157	-0.425	-0.705	-0.2975	-0.22	0.9186	1.24	-1.11
1502	-3.06	-0.9958	0.1449	-0.2351	-0.6176	0.9199	0.9984	0.4699	0.7099
1503	-0.67		-1.765		-0.3275	-1.21	0.1886	-0.55	
1504	0.7694	-0.09629	-0.07562		0.8319	0.5094	-0.2621	-0.9206	-0.7706
1505	3.07E-09		-0.155	-0.065	-0.0175	-0.39	-0.5714	0.31	1.74
1506	0.025	-0.9707	0.36	0.09	-0.1825	-0.525	-0.7564	0.175	2.705
1507	-1.39	-1.806	-1.905	0.005	-0.0075	-0.33	0.3086	1.43	-1
1508	-0.9125	-1.038	-1.087	0.3225	0	-1.272	0.1961	1.318	-0.2125
1509	-0.3669	-0.2225	-0.5619	0.2081	-0.02438	-0.5569	0.04168	-0.4369	0.7131
1510	-1.482	0.6918	-0.4675	-0.0875	-0.33	0.3075	0.4561	0.9075	0.3475
1511	-0.8812	-1.077	0.6938	-0.3063	0.1512		0.3273	-0.06125	
1512	-0.5	0.1743	0.895	-0.785	-0.2675	0.42	0.7586	0.09	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1513	-0.2612	-0.07691		0.1337	-0.3588	0.8987	1.157	-0.5612	1.109
1514	0.3256	-3.91E-05	-1.079	0.1406	0.03812	0.3056	-0.1058	0.3356	-0.9244
1515	0.2075	-0.5982	-0.4075	0.0025	-0.11	0.8575	2.986	0.7375	
1516	-0.00625	-1.102	-0.7712	-0.6413	0.00625	2.514	2.802	0.7138	-1.346
1517	-0.988	-0.2237	-0.793	-0.803	-0.06555	-0.05805	0.4405	-0.298	0.01195
1518	-0.5029		1.062	-0.2779	0.4996	-0.9629	-0.1444	0.00707	1.747
1519	-0.9735	0.1608	-0.5385	0.2815	0.669	0.6165	1.475	0.1265	1.006
1520	-1.603		1.082	0.4322	0.7797	-0.1728	1.166	-1.103	
1521	1.23	0.2545	0.7952	0.6652	0.8727	0.1602	0.9687	0.2502	0.3402
1522	-0.2739	0.9004	-0.9889	0.03109	0.5486	1.046	0.9946	-0.6939	0.1561
1523	-0.12	0.6943	-0.015		0.5425		0.1386	0.57	-1.04
1524	-1.096	-0.4318	0.4189	0.1789	0.2964	-0.01609	-0.4175	-0.2761	0.3739
1525	-0.4707	-0.1164	-0.1257	0.6343	0.5918	0.7193	1.498	-0.0707	
1526	0.3822	0.6765	0.007188	0.06719	0.08469	0.2622	0.0007422	0.4322	0.3922
1527	-1.411	-0.307	-1.636	0.7037			1.117	-0.03133	0.1887
1528		-1.072	0.1389	-0.3011	-0.3436	0.3839	0.2125		0.3839
1529	-1.509		0.9461	-0.1939	0.1136	0.2911	-0.1404	-0.7789	
1530	-0.8727	-0.5483	1.032	0.05234	0.1598	-0.1627	0.6559	-0.4327	0.03734
1531	0.1191		0.5341	0.8641	1.192	-0.8709	-0.0123	-0.2909	
1532	0.14	0.4143			0.9625	-1.55	-0.05145	0.14	1.12
1533	-0.6456	-0.4613	-0.5406	0.4394	-0.2931	0.5444	1.763	-0.7956	1.044
1534	-0.97	-0.3657	-0.745	-0.045	0.0225	0.77	1.659	-0.66	1.4
1535	-0.2931	0.2912	0.4119	-0.3681	-0.3106	-0.3231	0.2754	-1.123	
1536	-2.024	-1.9	-1.339	-1.509	-0.8516	-1.034	-0.2056	-0.2741	0.4759
1537	0.7103	0.3146	-1.805	-0.8247	-0.9072	-0.1497	-0.6211	-0.5197	-0.06969
1538	-1.859	-1.654	-0.7937	-0.1438	-0.6763	0.3912	0.2898	-0.7288	1.391
1539	-1.436	-1.562	-0.8912	-0.00125	-0.6238	0.4137	0.5323	-0.5562	1.264
1540	-1.364	-1.21	-0.3091	0.01086	-0.3416	0.7459	0.3644	-0.6241	1.266
1541	-0.3456	-1.181	-0.6706	-0.2706	-0.6431	0.3444	1.313	-1.096	
1542	0.8272	-0.1285			-0.03031	-0.5328	-0.2543	-0.3128	1.037
1543	-1.145	-0.5109	-0.7202	0.4598	0.3873	0.8148	0.9734	-0.7652	1.525
1544	-0.99	0.02434	-0.565	0.565	0.6325	0.56	1.359	-0.79	1.31
1545	-1.131		-0.5862	0.6937	0.5312	1.589	1.527	-1.261	1.459
1546	-1.216	-0.3118	-0.3911	-0.1211	0.2464	-0.4261	-0.3875	0.6539	0.003906
1547	-2.364	-1.18	-1.619	-0.7594	-0.7019	0.4656	0.5142	0.1556	1.126
1548	-0.282	-0.8376		-0.617	0.2905	0.158	0.3066	-0.282	-0.192

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1549	0.2188	-0.5469	-0.4162	-0.6263	-0.01875	0.2587	0.9073	2.259	
1550	0.9763	-0.5894	0.2813	0.09125	-0.2713	-0.1238	2.135	1.006	0.2262
1551	1.1		1.015	0.725	0.8625	-0.77	-1.261	-0.31	0.1
1552	-0.8563	-1.242	0.6487	1.049	0.4562	0.1437	-0.06777	0.01367	-0.7063
1553	-0.4261	-0.7118	-0.2011	-0.5011	-0.6036	0.02391	0.2525	-0.2161	0.4439
1554	-0.25	-3.016	-0.215	-0.665	-0.4675	0.3	0.1186	1.25	-0.29
1555	-0.7208	-0.5064	0.2442	0.03422	-0.2283	0.2292	0.9678	-0.3708	1.579
1556	-0.2	-1.286	-0.665	0.095	0.3625	0.91	1.169	0.06	1.32
1557	0.1538	-1.172	-0.7212	-0.8113	-0.00375	0.3338	1.272	0.1938	1.664
1558	-1.125		0	0.28	0.0575	0.365	1.884	1.375	
1559	-1.163	-0.5787	-0.208	0.03195		0.04695	1.696	1.287	
1560	-1.545	-0.6505	0.8501	0.5101	1.268	-0.9249	0.6637	0.1651	1.575
1561	-0.5898	0.6545	0.6652	0.5352	1.113	0.2102	0.5987	0.2502	1.62
1562		-0.7098	0.05086	0.3409	0.6184	0.9959	-0.1156	0.5959	1.226
1563	-0.8364	-0.3721	-0.07141	0.08859	0.3161	0.003594	0.7121	0.09359	1.034
1564	-0.6055	-0.7711	0.5595	1.09	0.457	-0.3855	0.1931	-0.2955	2.695
1565	-0.2612		0.2838	0.7437	0.8612	-0.8513	0.2473	0.4188	2.239
1566	-0.1742		0.2608	0.8008	0.8683	-0.6442	0.2643	0.5258	2.296
1567	-0.1161	-0.9018	0.1889	0.9689	0.5864	-1.406	-0.6575	-0.3661	1.214
1568	-0.3228		0.05219	0.7022	0.4597	-0.1928	-0.6543	-0.7828	0.9272
1569	-0.56	-0.4457	0.275	0.755	1.293	-1.36	0.4786	0.45	1.45
1570	-0.4575	0.1468	0.0275	0.4275	0.555	-0.4175	0.7611	0.5025	
1571	-0.05641		0.08859	0.5886	0.4061	-0.1064	1.172	0.5636	-0.3464
1572	-0.3069		0.2981	1.028	0.3556	0.1031	0.5917	0.8531	0.2431
1573	0.305	0.6393	-0.48	0	-0.0025	-1.215	0.02355	-0.775	
1574	-0.11	0.3543	-1.335	-0.725	-0.4075	-0.26	-0.02145	-0.89	0.14
1575	-1.217	0.4571	-0.2222	0.6478	0.005312	-1.107	-0.7186	-0.5272	0.4628
1576	-0.9772	0.02715	-0.2922	0.6478	-0.01469	-0.4072	-0.3486	0.7428	-0.03719
1577	-0.7512	-1.057	-1.976	-1.336	-0.8388	-1.041	-2.003	-1.411	0.1487
1578	0.1561	-1.2	-0.2589	-0.03891	0.2986	0.3761	1.015	-0.6639	0.08609
1579	-0.1491	-1.155	-0.004141	-0.8741	0.03336	1.221	0.2694	0.8309	0.1009
1580	-0.7337		-1.159	-0.2788	-0.4513	0.6362	0.5448	0.7863	-0.4738
1581	-1.02		-0.705	-0.485	-0.1975	0.41	0.3886	0.63	-1.03
1582	0.11	-1.426	-1.945	-0.295	-0.4475	0.42	-0.1914	0.63	-0.65
1583	0.2236		-2.081	-0.1614	-0.5939	0.6536	-0.3079	0.9236	0.003594
1584	-0.5141	0.2703	-0.5091	0.1809	0.5584	0.4559	0.6945	-0.1841	1.556

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1585	-0.2	-0.2657	0.195	-0.315	0.0925	1.33	0.3386	-0.04	1.43
1586	-0.8464	-0.7521	-0.2614	0.6086		-0.5464	0.3521	-0.03641	1.874
1587	-0.925	-0.2707	-0.02	0.51	0.7475	0.185	0.3236	-0.225	
1588	-1.076	0.2883	0.3889	0.4989	0.7364	-0.03605	0.1225		1.334
1589	-2.677	-0.01285	0.3478	-0.8022	0.2653	0.4128	0.3214	0.4028	1.173
1590	-1.994	-0.36	0.2906	-0.4194	0.2981	0.2156	0.3442	0.4856	1.286
1591	-2.888		-2.203	0.2867	0.07418	-1.358	0.4102	-0.1483	1.152
1592	-1.074	-0.82	-0.3194	-2.139	-0.2719	0.4256	0.00418	0.3156	0.9656
1593	-3.009	-0.595	-1.634	-1.014	-0.4668	-0.5193	-0.4208	-0.4493	0.4307
1594	-5.957	-1.653	-1.052	-0.1622	-0.05469	0.2428	-0.1986	0.2628	0.7128
1595	-2.363	-1.109	-2.028	-0.7383	-0.6608	-1.143	0.1453	0.6067	-0.6433
1596	-2.18	-1.566	-2.755	-0.485	-0.7375	0	0.05855	0.6	-0.12
1597	-2.549	-1.535	-2.754	-0.6739	-0.8164	-0.2989	-0.03035	0.4211	0.08109
1598	-1.51	-0.5954	-1.555	-0.2547	-0.4272	0.03031	0.03887	0.1803	-0.2097
1599			-2.945	-3.035	-2.868	0.67	0.1986	0.31	1.89
1600			-2.955	-3.555	-2.918	0.64	0.6386	0.37	2.69
1601	-1.151		-0.07625	-0.7563	-0.06875	-0.3113	0.2673	0.2788	0.9787
1602			-1.248		-0.2809	-0.08336	0.0652	0.1566	2.557
1603	-0.4965	-0.8121	-0.7015	-0.1815	-0.744	-0.2765	-0.4379	-0.05648	0.8035
1604	0.4862	-0.5095	-1.089	0.1212	0.1887	-0.05383	-0.07527	0.1062	0.8262
1605	-0.845	0.9193	-0.51	-1.19E-09	-0.0125	-1.045	-0.5164	-1.215	-0.165
1606		-1.267	-1.336	1.134	0.1911	0.008594	0.07715	1.199	2.169
1607	-1.795	-1.131	-0.99	0.9	0.4375	-0.205	-0.03645	0.975	1.805
1608	-1.805	-1.141	-1.09	0.67		-1.395	-0.2464	1.075	1.385
1609	-3.931	-0.0466	-0.2859	-0.005938	0.01156	-0.4409	1.088	-1.181	0.5391
1610	-0.8862	0.8881	0.1488		-0.02375	-0.6463	-0.4377	-0.6862	
1611			0.5117	-0.7283	0.9892	0.4167	-0.1247	3.137	
1612	-1.07		-0.475	0.425	0.4925	0.97	0.8286	0.12	0.28
1613	2.138	-0.1479	0.6728	-0.2372	-0.6897	-1.322	-0.6636	1.488	
1614	0.7139		0.3789	0.06891	-0.9336	-1.566	-0.01754	1.594	-0.5061
1615	0.9159	-0.1598	0.6609	0.2009	-0.8116	-1.564	0.07441	1.426	-0.5341
1616	-1.425	0.1189	0.3995	-0.01047	-0.203	-0.1255	0.3231	-0.09547	1.095
1617	-1.074	-0.3095	0.1711	-0.1089	0.1086	-0.9139	0.3747	0.1061	0.4561
1618	-1.586	-0.3618	0.1389	0.1689	0.07641	-1.696	0.2825	0.3239	0.7339
1619	0.8266	0.3109	1.832	0.3316	0.2691	0.2766	0.7251	1.807	0.3966
1620	1.166	0.89	1.951	0.3307	0.2382	0.7757	0.7243	0.8557	0.5757

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1621	-0.655	-0.3007	0.06	0.39	0.1275	-0.535	-0.1364	0.745	-0.595
1622	-0.3955	-0.1011	0.2495	0.3695	0.237	-0.1055	-0.04691	0.7845	-0.6755
1623	0.1948	0.2091	0.4998		0.6473	-0.6452	-0.3766	0.1448	
1624	-0.17		0.335	0.525	0.2325	-0.59	-0.4414	-0.78	0.42
1625	0.4267	0.2811	0.9617	0.1617	-0.1308	-0.1933	-0.1147	0.1967	0.6967
1626	0.5853		1.8	-0.08969	0.5278	0.3453	1.174	-0.1947	
1627	-0.8537	0.7106	-0.1987	0.9412	0.8388	0.5663	1.785	-0.7337	0.9463
1628	-0.05		-0.665	1.305	1.152	2.28	1.739	0	2.37
1629	-0.1813		-0.5562	1.254	1.291	0.8087	1.867	0.2687	2.109
1630	-1.788	-0.4232	1.598	1.107	0.975	0.4725	1.631	1.662	
1631	-1.516		0.4687	-0.5513	0.02617	-1.066	0.2922	-0.5763	2.174
1632	-2.813	-1.238	1.082	-1.108	-0.3803	0.8372	2.126	-3.703	1.267
1633	-2.187	-1.113	1.618	-0.4121	-0.1846	-0.5671	1.391	-1.817	1.653
1634	-0.5152	-0.3909	-0.3502		0.4773	-0.4552	-0.1366	-0.7652	
1635			0.7625	-0.0075	0	0.4975	0.07605	-0.1825	1.367
1636	0.09688	-0.2088	-2.088	-1.728	-0.4306	-0.4031	-0.9246	-0.5131	-0.3331
1637	-1.439	-2.105	-1.184	-1.394	-1.497	-1.109	-2.011	0.03074	1.391
1638	-0.127	-1.513	0.948	-0.322	0.2055	0.373	0.08152	0.743	
1639	-0.02609	-0.8718	-0.2111	1.529	1.296	-0.5661	-0.4475	0.8239	
1640	0.1525	-0.4632	-0.5525	0.0575	0.425	-1.218	-0.2489	0.1125	
1641	-0.11	0.4543	0.345	-0.215	-0.0875	1.18	-0.09145	-1.1	0.66
1642		1.78		-1.389	-0.5818	0.1557	0.6943	0.7557	
1643	-3.702	-0.1876	-0.217	-0.117	0.1605	1.798	1.177	2.298	-0.672
1644	0.0257	-1.37	-0.6593	0.6907	0.3282	1.256	1.644	-0.3643	0.2057
1645	-0.21	-1.826	-0.705	0.965	0.6125	2.15	2.839	-0.38	1.21
1646	-0.2694		-0.7244	-0.3444	-0.3569	0.3006	0.7392	-0.07937	-0.05938
1647	0.3763	-0.07941	-0.3087	-0.1888	-0.7513	1.256	2.435	-0.06375	0.1062
1648	-0.18			-0.725	-0.4875	-0.23	-0.08145	0.6	-0.13
1649	0.26	-0.6957	-1.115		-0.3275	1.03	0.9086	0.62	0.81
1650	-1.484		0.7706	0.3106	0.4781	-1.174	-0.1658	1.906	
1651	-1.236		0.8394		-0.1731	0.6844	1.203	0.5444	
1652	0.08	-0.9257		-1.315	-0.3975	0.96	1.129	0.5	
1653	-0.88	-0.005664	0.035	-0.615	0.3325	0.51	-0.1614	0.21	-0.19
1654	-0.3379	-0.5235	-0.01285	-0.002852	-0.9854	-0.8179	-0.9293	0.4021	
1655	-1.379	-0.6243	1.076	0.7863	-1.186	-1.059	0.4499	1.121	0.5813
1656	-0.2941	0.2702	0.9309	-0.2691	0.3184	-0.06414	0.2944	-0.7041	0.4959

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1657	-0.9027	-0.5283	1.452		-1.29	-0.5327	0.6059	1.317	
1658	-0.6343	-0.21	0.7607	0.2907	-0.4818	-1.124	-0.3157	-0.0443	1.206
1659	-0.3579	-0.9535	-0.3729	-0.5629	-0.7654	-0.4279	-0.9793	2.102	1.172
1660	-0.7881	-0.4538	-0.8131	-0.6531	-0.3256	0.2919	0.5604	-0.4781	-0.4281
1661			-0.605		0.2425	0.1	-0.5314	-0.11	0.16
1662	-0.415	-0.4407	-1.31	-0.6	-0.0925	1.655	0.9236	-0.175	-0.685
1663	-0.7444		-0.6394	-0.1794	-0.2319	0.1656	-0.3258	0.3556	0.3456
1664	-0.41	-1.246	-0.275	-0.395	0.1425	0.3	-0.08145	1.46	0.45
1665	-1.452	-0.9082	-0.1475	-0.8575	-1.25	-1.112	-0.7439	-0.2825	1.107
1666	-0.76	-0.7557	0.045	-1.985	-1.098	0.22	-0.3814	-0.73	0.91
1667	-1.173	0.08168	-0.2477		-0.3802	0.2973	0.0259	-0.4627	
1668	-1.139		-0.5539	-0.7839	-0.7164	1.201	1.04	-0.5789	-0.1489
1669	-1.771	-0.7269	-0.4462	-0.3663	-0.7188	1.949	1.847	-0.6813	0.8987
1670	-1.87	-1.906		-0.925	-1.148	1.31	1.539	0.57	1.29
1671	-0.8804	-1.316	-1.095	-1.425	-1.008	1.73	2.598	0.1496	2.41
1672	-1.28	-0.5257	0.235	-0.345	-0.3175	0.39	0.3486	-0.49	0.09
1673	0.19	-1.016	-0.985	-0.295	-0.2475	-0.56	-0.6414	0.45	
1674	-1.486		-1.021	-2.751	-1.033	0.2642	-0.03723	-0.1858	
1675	-1.261	-0.1871	0.1136	-0.7764	-0.3089	-1.041	-0.6729	-0.1014	
1676	-0.9863	-0.4619	-0.00125	-1.161	-0.9738	-0.5363	-0.0177	0.6437	
1677	-0.1141	0.05027	-0.8891	0.5809	0.08844	0.6059	0.5645	0.4759	1.006
1678	-0.93	-0.3057	-0.645	-0.055	0.0925	0.52	0.4086	0	0.71
1679	-1.57	-0.6157			-0.0975	0.02	-0.09145	0	
1680	-0.8494		-0.6644	-1.194	-0.7069	0.7606	0.5492	-0.8994	0.1006
1681	-0.971	-0.1067	-0.02602	0.594	0.7415	-0.271	0.1475	-0.371	0.259
1682	-1.329	-0.9346	-0.1639	0.3861	0.5836	0.5511	0.3896	0.2611	0.6811
1683	-0.84	1.004	0.695	0.495	1.203	-0.38	-0.9414	-0.81	
1684	-0.1666	-2.312	-0.2716	-0.2216	-0.3241		-0.9681	-0.006641	0.3834
1685	-0.5531	0.8012	0.07188	0.7819	-0.1806	-1.153	-0.8146	-0.5231	
1686	-1.016		-0.5514	0.2886	-0.3539	-0.8964	-0.9679	-1.256	
1687	-0.2	-0.7957	-0.295	0.405	-0.1875	0.49	-0.07145	-0.38	-0.11
1688	0.265	-0.6607	-0.37	0	-0.2925	-0.315	-0.3064	0.395	0.015
1689	-0.85	0.2143	-1.385	-1.185	-1.348	-0.9	-0.6314	0.1	
1690	-1.008				-0.035	0.5525	0.8511	-0.6475	
1691	-1.619	0.1254	-0.07391	-0.05391	0.3736	-1.129	-1.6	-1.019	-0.5489
1692	-0.2144	-0.64	1.031	0.4306	0.3781	0.4756	0.5842	1.996	-0.4844

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1693	0.1522		1.257	0.2672	0.3347	0.4722	0.6907	1.762	-0.1478
1694	-0.4083	-0.1239	-0.2433	1.047	0.4242	-0.5383	0.4403	0.8417	
1695	-0.815	-0.7807	-0.37	-0.01	0.1575	-0.395	0.2136	-0.855	0.425
1696	-0.2062	-0.8419	-0.5212	-0.06125	-0.00375	-0.1262	0.1123	0.1238	0.9337
1697	-0.3262	-0.8719	0.4688	0.4087	0.2262	-0.4163	0.7323	1.004	
1698	-0.92	-0.6457	0.165	0.755	0.3525	0.25	1.119	0.69	1.17
1699	-1.301	-1.266	0.2444	0.9344	0.6419	-0.7306	1.218	1.029	0.5894
1700	-0.7069	-0.6825	0.6481	0.1081	0.09562	-0.2169	-0.2883	0.2131	-0.06688
1701	-1.57	0.3643	-0.975	-0.495	-0.2775	-0.11	-1.131	4.27	-0.98
1702	0.5088	0.6131	-1.266		-0.1788	-1.511	0.1073	0.9988	0.9687
1703	-0.75	-1.666		-0.955	-0.9975	-0.26	-0.3514	0.8	
1704	-0.7337	0.6206		0.05125	0.04875	-0.5538	-0.8852	1.226	0.6162
1705	-1.19	-0.6757	-0.425	-0.235	-0.0775		1.249	1.46	0.35
1706	0.18	0.3643	-0.165	-1.535	0.4225	-0.27	-0.1214	-0.24	-0.04
1707	-0.175	-1.171	0.21	-0.05	0.4475	-0.575	0.07355	-0.545	
1708	0.9183	1.113	0.2833	0.1033	-0.7192	-1.682	-0.1432	-0.2317	
1709	0.7027	2.507		-0.3323	-0.07477	0.5727	0.5313	-0.1273	
1710	0.9772	1.292	1.702	2.892	2.58	0.3172	0.2257	0.007188	0.4972
1711	-0.7664			1.139	2.696	-0.2164	1.182	0.2336	1.434
1712	0.04969	3.214	2.635	2.375	2.722	-0.1503	0.1482	0.3297	0.4097
1713	-0.8335		2.451	3.731	2.719	0.3965	0.835	-0.2135	0.8165
1714	-0.5356	2.599	1.829	3.639	3.137	-0.04563	1.013	0.4444	0.1244
1715	-0.5933	3.211	2.142	3.252	3.049	-0.04328	0.9553	0.4267	0.7767
1716	-0.8228		2.522	3.252	2.53	0.2072	1.186	0.2172	1.057
1717	0.45	2.934	2.765	3.985	2.892	-0.22	0.3386	0	1.11
1718	0.6603	2.305	1.795	-0.5147	-0.2672	0.7803	0.5789	-0.07969	0.5203
1719	0.04	3.104	1.395	-0.305	-0.2575	0.4	0.2786	0.19	0.51
1720	0.393		-0.942	3.178	3.155	0.493	0.6815	0.323	0.643
1721	-0.6475	1.447	0.6875	0.2475	0.485	-0.4575	-0.07895	0.3125	
1722	-0.2752	0.1291		0.5398		0.7848	-0.1766	0.5248	
1723	-0.8575	-0.3732	0.7375	-0.1925	-0.775	-0.5575	-0.6189	1.522	-0.1575
1724	0.46	-0.6857	0.985	-0.015	-0.0175	0.16	-0.2414	-0.31	-0.04
1725	0.4059	-2.28	0.06094	-0.9191	-0.6116	0.1159	-0.9055	1.946	0.3059
1726	1.819	-0.5469	-0.4662	0.4137	0.6212	-0.7613	-0.0227	-0.7812	
1727	0.47	-0.6657	-0.605	-1.295	-0.3875	0.13	-0.1514	-0.55	-0.12
1728	-1.004	0.02059	0.3213	0.3212	0.4187	-1.744	-0.7852	0.2663	

Table 1

	NORWAY 109-AF	NORWAY 101-BE	NORWAY 57-BE	NORWAY 53-AF	NORWAY 53-BE	NORWAY 104-BE	NORWAY 104-AF	NORWAY 11-BE	NORWAY 12-BE
	ARRY0X	ARRY3X	ARRY2X	ARRY29X	ARRY28X	ARRY31X	ARRY30X	ARRY32X	ARRY34X
	1	1	1	1	1	1	1	1	1
1729	0.43	-0.09566	0.055	-0.395	-0.3175	-1.43	-0.3514	1.07	
1730	-0.03328	-0.8189	0.3217	-0.7583	0.2992	-1.563	-0.9047	-0.2233	
1731	-2.006	1.138		-0.2709	-1.003	0.03414	1.033	0.2041	
1732	-0.21	0.06434	-0.485	-0.395	-0.3875	-0.01	0.2786	0.11	
1733	-0.453		0.252	0.562	0.8395	-1.293	-0.5845	0.06699	
1734	-1.29	0.2743	-0.365	-0.525	-0.0875	0.22	0.9386	0.24	
1735		-0.1499	0.1808	-0.5592	-0.3617	0.3558	-0.9357	-0.8542	-1.124
1736	-0.3919	-1.598	-0.8769		-1.099	0.09813	0.2867	-0.1219	-0.8419
1737	-1.393	-0.8789	-0.1683	-1.248	-0.3808	-0.6133	-0.2647	-0.1833	
1738	-0.8678	0.4565	0.02719	-0.1328	0.3147	-0.7578	0.0007422	-1.428	-1.818
1739	-1.728		-0.1531	-0.08313	0.2844	0.2719	-0.07957	0.4619	
1740	-0.01	0.4143	-0.135	-0.195	0.0725	-3.80E-09	0.3586	-0.04	
1741	0.02313	0.3375	-0.3319	0.6881	0.4756	-0.4369	-0.5383	-0.1069	
1742	0.085		0	-0.75	-0.7025	-0.255	-0.1764	-0.525	-0.305
1743	0.8472	0.6915	-0.007812	1.022	1.27	-0.1528	0.2757	0.04719	
1744	1.305	-0.9507	-0.69	-0.41	-0.0825	-0.015	-0.09645	1.055	0.935
1745	0.205	-0.09066	-0.41		0.1775	1.145	1.034	-0.885	0.765
1746	-0.2713	-0.5069	-0.1162	-0.1263	-0.4288	1.079	1.457	0.8887	-0.3713
1747	-0.245		0.26	-0.11	-0.3525	-2.695	-2.046	0.055	
1748	-0.3587	1.216		1.806	0.7137	-0.8388	-1.1	-0.7887	2.451
1749	-0.7775	0.8968	-0.3225	1.137	0.925	-1.978	-0.6789	-0.7375	-0.1575
1750	1.54	3.444	0.745	0.935	0.1625	-0.9	-0.5014	-0.09	-0.35
1751	1.01	2.054	-0.3154	0.3846	0.04215	-0.8904	-0.8818	-0.4204	-0.0003516
1752	-0.66	0.8943		-0.115	0.5025	-0.56	-0.4014	0.44	
1753	-1.028	0.7665	-0.3328	-0.2228	0.02469	0.3222	0.5807	1.012	-0.05781

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1	-0.1152	1.113	-0.232	0.08812	0.4462	1.726	1.433	0.7912	0.9113
2	-0.02582	0.03234	-0.1627	-0.5025	-0.3444	0.4149	1.562	0.5006	-0.01937
3	-0.08645		-0.1933	0.8869	-1.015	0.4743	-1.009	-3.11	0.54
4	0.5036	-2.478	-1.123	0.4369	-0.945	0.1743	-1.049	-2.83	0.7
5	-0.2264		0.5967	-0.2131	-0.485	0.3543		0.8	0.83
6	1.118	-0.2543	-0.8393	-0.04914	-0.02102	-1.122	-1.605	-0.05602	-0.276
7	1.572	-0.8803	0.1747	0.07484	-0.487	-0.3877	-1.391	0.03797	-0.682
8	1.739	-1.113	0.1017	-0.1881	-0.26	-0.9907	-0.3536	-0.455	-0.615
9	0.3537	-0.8781	0.1769	0.827	0.9652	0.1645	-0.9184	0.2002	0.1802
10	0.01355	0.7317	0.1267	-0.1831	-0.065	-0.1257	-1.379	0.06	-0.24
11		0.07672	-0.1783	-0.5081	0.62	-0.5407	-0.6436	-0.315	-0.825
12		-0.2052	-0.2302	-0.18		-0.3026	-1.465	-0.5069	-0.8469
13	-0.5207	-0.3625	-0.1275	0.4227	0.0007812	-0.7299	-0.8628	-0.4542	-0.6442
14	-0.1964	0.3617	-0.5633	-0.09312	0.015	-0.0957	-0.6486	0.31	0.26
15	-2.147	-1.128	-0.06344	0.06672	0.2548	0.5641	-0.5687	-1.17	-0.08016
16	-0.7871	-0.1389	-0.5039	0.05625	-0.06563	0.08367	-0.009219	-0.6106	0.1594
17	-0.7039	-0.1258	0.1192	-0.5606	-0.2025	0.2168	0.1839	-0.7875	-0.2375
18	-0.6049	-1.377	0.1982	3.128	0.7965	-0.6442	-1.567	1.222	1.522
19	-0.5185		1.675	-1.085	-0.5771	-0.8978	0.1094		0.6679
20	0.2761	-1.806	-0.7508	-1.721	-1.793	-1.173	-1.916	-1.488	0.3625
21	-0.9025	-1.894	-0.0893	-0.2791	-0.341	0.9683	-0.9846	-0.156	-0.236
22	1.406	-0.4658	-0.1308	0.3994	-0.1025	0.5368	0.4439	-0.9875	-0.2575
23	0.2723	-0.3095		-0.2744	-0.2063	-0.107	0.2002	-1.341	0.7588
24	0.3286	0.1667	0.7617	0.5119	0.19	0.2993	-0.4836	-1.165	2.025
25	-0.01895	0.05922	0.4842	0.6444	0.4425	0.1718	-0.3211	-1.002	2.018
26	0.02355	1.862	-0.8033	2.297	2.325	-0.3057	-0.7186	-1.21	0.65
27	-0.8812	-0.333	-0.868	-1.018	-0.8797	-0.3104	-0.4033	-1.555	0.09525
28	-0.9237	-0.8355	0.6395	-0.4204	-0.7023	-0.103	-0.5159	-1.527	0.5627
29	-0.6664	-0.5283	0.9767	0.9169	0.875	0.1143	-0.7186	-0.54	0.62
30	-0.3964	0.7117	0.5867	0.07688	-0.385	0.7543	-0.008594	1.37	0.63
31	-0.1154	0.09281	0.9178	-0.03203	-0.003906	0.6254	0.0425	1.371	0.9811
32	0.1998	0.378	0.223	0.07313	-0.4388	0.1505	0.3077	-0.09375	-0.3537
33	-0.3709	0.5673	-0.07773	-0.3576	-0.04945	-0.3302	0.357	-0.4645	0.8855
34	0.7271	-0.4247	0.7003	1.08	1.069	0.4979	0.555	0.5936	0.1336
35	-0.5464	0.8117	0.6267	-0.1631	0.485	-0.7557	-0.3086	0.78	0.73
36	-0.5346	0.6535	-0.2215	0.7987	0.5568	0.09609	0.6832	0.6018	-0.2782

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
37	-0.2461	1.382	-0.133	1.487	1.495	0.2846	0.8217	1.48	-0.4997
38	-0.6677	0.3405	0.09547	-1.194	-0.6763	0.07305	0.07016	-0.3613	0.6588
39	-0.8364	0.4717	-0.1233	-1.013	-0.725	0.7143	0.001406	-0.11	0.71
40	0.2886	0.8067		-0.8181	-0.93	-0.3407	-1.254	1.055	-0.165
41	0.3364	0.2845	0.7195	-0.8503	-1.202	-0.3429	-0.5358	0.8128	-0.2272
42	0.02465	0.7628	1.088	-0.912	-1.104	-0.6546	-0.6075	1.021	-0.3389
43	-0.003945	1.654	0.4192	-0.2406	-0.2125	-0.2632		0.0025	-0.0775
44	-0.6964	-0.04828	-0.5033	0.5869	0.225	-0.1857	0.5314	-0.27	-0.58
45	0.7436		0.3967	-0.5131	-0.345	0.1743	-0.5886	-0.64	-0.2
46	0.2408	-0.06102	-0.516		-0.7577	-0.4584	0.1987	0.2973	-0.3127
47	-1.355	0.1528	2.628	0.03797	0.6061	-0.004609	-0.4875	0.7611	0.9211
48	-1.132	1.626	-0.279	-1.069	-1.741	0.008594	-0.8043	-0.9457	-0.4957
49		0.4005		-0.4644	-1.066	0.433	-0.07984	0.2587	-0.3112
50	-0.4664	-0.2383	-2.123	-0.5231	-0.575		-0.2686	-0.77	-0.94
51	-0.9214	-0.3733	-1.148	0.7819	0.53	0.9693	1.736	-0.295	-0.225
52	-0.6864	0.9217	-0.4433	-0.4531	-0.385	0.0243	-0.6286	-1.46	-0.06
53	-0.3105	0.1377		-0.9772	-0.9491	-0.4698	-1.053	-0.2141	-0.5841
54	0.05918	1.907	-0.2277	-0.3775	-1.029	-0.8101	-1.133	-0.9444	0.2056
55	-0.2802	-0.802	-0.727	-0.03688	0.1512	1.221	-0.01234	0.04625	-0.03375
56	-1.651	-0.1726		-0.2874	-0.5993	0.67	0.8371	-0.4243	-0.8143
57	-0.4977	-0.7295	-2.605	0.1456	0.4137	0.01305	0.03016	-0.8313	-0.4312
58	0.1786	-0.09328	0.2317	0.2519	0.28	0.0993	-0.2736	-0.055	-0.035
59	-0.6652	0.02297	-0.152	0.5181	0.3162	-0.7245	-0.3773	-0.7387	
60	-0.1564	-1.178	0.4467	0.9069	0.995	0.0243	-0.5286	0.15	1.05
61	-0.8393	-1.751	1.054	1.024	1.212	0.9815	0.04859	1.787	5.797
62	0.2736	-1.698	-0.09328	0.2169	0.075	1.004	-0.7286	0.06	0.28
63	0.01949	-1.052	-0.4873	-0.3272	0.2909	0.2002	-0.4127	0.5659	-0.03406
64	-1.004	0.9342	-0.7708	-1.311	-0.8625	-0.1132	1.684	-0.4975	0.0725
65	-0.5064	-0.2483	-0.2433	0.03688	-0.155	0.2043	-0.2886	-0.13	0.03
66	-0.7814		0.2117	0.4119	0.25	0.9993	0.3664	0.085	-0.505
67	-1.206	0.6217	-0.7033	-0.2131	0.235	0.6443	0.1914	1.86E-11	-0.68
68	-0.6514	-0.2033	0.7917	0.4119	0.96	0.6393	0.4464	-0.005	0.175
69	-0.2339	-0.7358	-0.5508		-0.0325	0.2168	0.2039	-0.3975	-0.2675
70	-0.5464	-1.078	0.09672	0.4669	0.295	0.9543	0.2814	0.06	-0.64
71	-0.2114	-0.5733	0.3317	-0.4281	-0.4	0.0793	-0.3936	-0.235	-0.195
72	0.7884	0.08656	0.6716	0.1117	-0.5202	-0.1109	-0.9837	0.2748	0.1748

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
109	-1.451	-0.9533	0.3717	-0.3981	0.1	0.8993	0.4964	-0.675	0.035
110	-0.6138	-1.486	1.139	0.02957	0.4477	1.297	0.1341	-0.4373	0.3627
111	-0.9275	-2.259	0.9657	0.2059	0.514	0.8833	0.3804	-1.631	0.008984
112	-0.4742	-0.966	-0.141	-0.1609	0.2573	0.05656	0.4237	-0.6577	0.5323
113	0.3661	1.064	0.05922	-0.8506	-0.5825	0.2268	-0.8661	-0.1575	0.0025
114	-0.3464	1.422	0.1767	-0.9331	-0.585	-0.1057	-0.6486	-0.75	-0.28
115	-0.1277	-0.2195	-0.5145	-0.6344	-0.9263	1.073	-0.4098	0.02875	-0.4913
116	0.02855	-0.2433	-0.5983	-0.7381	-1.06	0.9293	-0.6736	-0.105	-0.745
117	-0.1682	5.83E-13	-0.785	-0.8948	-1.137	1.133	-0.9703	-0.1417	-0.3717
118	-0.1593	0.3989	0.08391		-1.168	0.6015	-0.2614		-0.08281
119	-0.09895	-0.3708	0.01422	0.3644	0.0725	-0.1382	-1.061	-0.4725	-0.2325
120	-0.306	-0.08781	0.8572	-0.04266	-0.6545	0.3448	-0.3681	-0.8595	0.4405
121	-0.5464	-2.268	0.3467	-1.053	-1.215	0.0543	-0.7686	-1.13	-0.25
122	0.3564	-0.2555	0.1895	0.1597	0.07781	0.7871	0.1042	0.5728	-0.007187
123	0.08574	2.144	-0.5011	-0.8809	-0.8928	0.5365	-1.356	-0.5578	0.03219
124	2.259	-1.363	0.2917	-0.1981	0.07	0.5093	-0.4136	-0.545	-0.655
125	-0.2936	0.5946	-1.25	-0.3202	-0.002109	0.2472	-0.5357		0.9129
126	0.3798	-0.302	-0.417	0.5931	0.5512	1.071	1.188	-0.1638	0.9663
127	0.6607	0.3489	-0.3961	0.3641	0.1822	1.061	1.239	-0.1528	0.9272
128	0.5781	-0.4437	-0.09875	0.8014	0.7495	0.4988	0.01594	0.7445	0.9645
129	0.9787	0.1769	1.362	-0.748	-1.03	-0.1705	-0.4034		-0.2248
130	-0.007695	-0.009531	0.5955		-0.7463	-0.417	-0.5298	-0.00125	0.1388
131	1.209	-0.1733	1.462	-0.1681	-0.63	-0.2007	0.6264	2.715	-1.585
132	0.3836	-0.1083	-0.2233	-1.253	-0.725	-0.5857	-0.9086	1.5	1.61
133		1.133	-0.8823	-3.142	-3.594	-0.5548	-0.4977	1.541	-0.8691
134	0.01582	2.814	0.209	-0.1909	0.1073	0.04656	-0.2063	-0.7877	0.6823
135	-0.0302	2.858	0.603	-0.2169	-0.2388	0.3105	-1.312	0.06625	1.046
136	-1.053	1.995	-0.56	-0.4698	-0.5417	-0.2124	-0.4853	-1.007	0.1333
137	-0.8047	0.1334		-0.1914	-0.09328	-0.244	-0.01687	-1.058	-0.1083
138	-1.138		-0.4552	-0.7551	-0.647	0.01234	-0.4605	-1.012	0.278
139	-1.544	1.984	-0.3008	-0.8706	-0.7925	-0.7832	-0.1661	-1.598	0.7025
140	-0.9914	1.437	-1.158	-0.7081	-0.85	-0.1207	-0.3936	-0.875	-0.625
141	-0.8042	-0.766	-0.09102	-1.551	-1.123	0.8166	-0.4563	-0.4877	0.7223
142	-0.8064	-1.288	0.5267	0.04688	0.015	0.9743	0.1514	-0.78	0.12
143	-0.2993	-2.151	0.4539	-0.7259	0.1022	0.9715	0.6586	-1.003	2.047
144	-1.161	-0.7333		0.1719	0.63	0.6993	0.2564	-0.125	1.235

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
73	-0.8986	-0.2505	-0.6055	-0.01531	-0.3272	-0.1179	-0.6208	-0.2222	0.09781
74	-0.884	-0.5959	-0.5009	-1.311	-1.183	-0.2433	-1.166	-1.518	1.942
75	-1.022	-1.044	0.1511	-0.3488	-0.6906	0.2687	-0.5742	-1.216	0.1844
76	-1.001	-1.663	-0.208	-0.5178	-0.8797	0.3096	-0.6733	-1.975	0.7253
77	0.5901	-1.042	-0.2467	0.01344	0.1916	0.6509	-0.112	-1.303	0.07656
78	-0.4164	-0.1383		0.6269	0.305	1.444	0.3014	-0.39	0
79	-0.004258	-1.806	0.9489	0.3191	-0.4528	0.3965	-0.7464	-2.048	0.07219
80	0.02629	-1.496	0.5095	-0.1604	-0.6723	0.657	-0.6859	-1.637	0.3027
81	0.03355	-1.138	0.5967	0.02688	-0.265	0.4143	-0.3686	-1	0.34
82	-0.9064	-0.7683	0.006719	-0.2731	-0.445	0.5043	-0.8186	-1.31	0.47
83	-0.6464	-0.2683	0.02672	-0.2931	-0.475	0.5943	-0.9586	-1.3	0.45
84	-0.4614	-1.183	-0.02828	-0.9981	-1.09	0.0593	-0.6536	-0.585	0.465
85	-0.5339	1.184	1.089	-0.3206	-0.2725	0.5768	-0.4261	-0.9475	0.6525
86	-0.4564	0.8617	1.517	-0.5031	-0.475	0.6043	-0.8386	-1.36	0.83
87	-0.8914	-1.263	-0.008281	-0.9681	-0.88	0.009297	-0.8036	-1.765	1.045
88	-0.2325	-0.2044	0.5006	-1.259	-1.131	-0.2018	-1.225	-1.206	0.04391
89	0.2086	0.5467	-0.1083	-1.148	-0.92	-0.3907	-0.7536	-1.205	0.285
90	-0.6024	-0.9042	2.181	0.01094	-0.2009	0.9784	-1.225	-1.456	0.4641
91	-0.3384	-0.2002	-0.09523	0.2849	0.04305	0.3123	0.02945	-0.06195	0.08805
92	0.1329	-0.589		1.106	0.6343	0.2736	-0.8593	-0.2707	0.8893
93	0.2714	-0.6505	0.8245	0.1847	0.07281	0.1521	-0.6408	-0.5122	0.3378
94	-0.5973	0.01086	-0.3441	-0.484	-0.5459	0.3034	-0.6595	-0.7709	0.1291
95	-1.296	-0.5883	0.2167	0.04687	0.065	0.8443	-0.04859	-0.96	0.17
96	0.2036	0.03172	-0.06328	-0.1631	0.155	-0.4557	0.2514	-0.1	0
97	0.1636	0.3817	-0.2933	-0.1331	0.185	0.0843	0.1814	-0.8	0.39
98	-0.9871	-0.5889	0.2961	-0.4637	-0.4556	-0.1563	-0.8192	-0.5006	0.7394
99	-0.4071	-0.5389	0.1961	-0.4938	-0.3356	-0.02633	0.0007813	-0.4906	1.299
100	-0.7764	-0.7983	0.3967	-0.3231	-0.535	0.1043	-0.8386	-0.63	1.22
101	-0.8643	-0.9261	0.3889	-0.5409	-0.5728	0.09648	-0.7964	-0.8478	0.9422
102	-0.8354	-2.467	0.1978	-0.892	-0.9739	0.1654	-1.187	-1.019	1.111
103	-0.4321	-1.284	0.3811	-0.5587	-0.7606	0.4787	-0.7842	-0.6456	0.7944
104	-1.136	-0.9483	0.3467	-0.9431	-0.915	0.5143	-1.029	-0.41	0.83
105	-0.6586	-0.9304	0.6246	-0.8753	-0.5671	0.6621	-0.7807	-1.262	1.028
106	-0.6952	0.893	0.02797	-0.5419	-0.5838	-0.2145	-0.1973		0.8013
107	0.2284	0.6065	0.2415		-1.1	-0.4309	-0.2338	-0.3852	0.4048
108	0.3107	-0.6111	-0.3561	-1.006	-0.7478	-0.09852	-0.3214	-0.1228	-0.01281

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
145	0.4814	0.3095	0.2145	-0.6753	-0.7672	0.3421	0.4292	0.5478	1.068
146	-0.2893	0.9989	0.4639	-0.1959	-0.1678	1.561		1.447	0.7572
147	-0.5596	-3.411	0.6436	0.1937	0.8518	0.6611	-0.07176	-0.1932	0.8368
148	-0.02645	-0.4683	-0.2033	-0.3931	-0.405	1.004	-0.5386	-0.32	0.43
149	-0.8864	-1.308	-0.4833	-0.9831	-1.015	0.0643		-0.06	1.07
150	0.3032	-2.069	-0.05359	-1.063	-0.6653	0.504	-0.5989	-0.5703	0.4797
151	-1.049	-2.841	0.07391	-1.506	-1.678	0.6815	-1.211	-0.7828	0.2272
152	-0.3314	-2.943	0.1217	-1.278	-1.25	0.6093	-0.8236	-0.595	0.265
153	-0.6114	-3.523	0.06172	-1.478	-1.11	0.4793	-0.9736	-0.685	0.535
154	-0.2971	-1.299	-0.01391	-0.7538	-0.5056	0.2537	-0.2092	-0.6906	0.4594
155	0.06355	-0.5983	-0.04328	-0.4831	-0.145	0.5343	0.6714	0.3	1
156	-0.07645	-0.7383	-0.1233	-0.5231	-0.055	0.3943	0.3714	0.1	0.94
157	0.8836	-2.108	0.6567	-0.5331	-0.175	0.6043	-0.3186	-1.75	1.14
158	0.7323	-0.7695	1.215	-0.4644	-0.3863	1.663	0.3802	-0.3913	1.109
159	-1.591	-0.3033	-0.3383	-0.6481	-0.27	0.4293	-0.7036	0.305	0.135
160	-0.04781	-0.6796	0.6054	-1.234	-1.446	0.5429	-1.01	-0.1514	0.08863
161	-0.9168	-0.8386		0.2966	0.2647	0.844	0.001094	0.08969	0.7697
162	-1.183	-0.8444	0.000625	-0.1692	-0.2711	0.6882	-0.7747	-0.6961	0.04391
163	-1.256	0.1717	0.3567	-1.043	-0.265	-0.0357	-0.7986	0.97	0
164	-1.241	0.0275	0.3425	-0.9473	0.0007812	-0.01992	-0.6028	0.2958	0.01578
165	-0.2771	-1.859	-0.3339	0.06625	0.1444	-0.08633	-0.2992	-0.4206	0.4594
166	-0.8664	-0.7383	-0.9533	-0.1731	-0.775	0.8343	-0.3286	-1	0.39
167	-0.2964	1.232	-0.9033	-0.6931	-0.965	-0.3057	-0.4886	-0.82	0.1
168	-2.636		-1.183	-0.8431	-1.065	-1.486	-0.9386	-1.9	-0.19
169	-1.019	0.6796	-1.825	-0.8352	-0.1971	0.2222	0.1693	0.1179	-0.7421
170	-1.309	-0.4704	0.1146	0.2648	-0.02711	1.202	-0.1807	0.02789	0.1779
171	0.4736	-2.888	-0.7733	-0.03312	-0.455	0.7543	-0.2586	-1.96	1.15
172	-0.7914	-1.363	0.1917	0.9619	-0.19	1.519	0.4464	-0.855	1.295
173	-0.8782	-2.34	0.185	0.5452	0.6033	1.893	0.7497	-0.7417	1.818
174	-0.6266	-0.1184	-0.7534	-0.8533	-1.545	0.07414	-1.259	-0.2402	0.8798
175	-1.139	-0.01129		-0.8061	-1.558	-0.3587	-1.622	-0.09301	0.827
176	-0.724	-0.8959	0.7791	-0.1507	-0.9026	0.2867	-0.6562	-0.2776	-0.007578
177	0.145	0.3031	-0.3219	-0.5317	-0.6436	-0.1043	-0.6772	-0.01859	0.5714
178	-0.4464	-1.068	-0.7833	-0.8431	-0.805	-0.2457	-0.8186	-0.1	0.44
179	-1.033	-0.7447	0.1503	-1.42	-0.3115	0.007832	-0.1451	-0.9665	0.1635
180	-1.106	-0.5983	0.2267	-1.653	-0.605	0.0743	-0.4086	-0.63	-0.17

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
181	-1.198	-0.6599	0.2851	-1.785	-0.7366	0.1927	-0.2702	-0.6216	-0.07164
182	-1.556	-3.038	0.4967	-0.5231	-0.745	0.9543	-0.7486	-0.59	0.99
183	-1.229	-3.001	0.3645	-0.4254	-0.7473	0.702	-0.6709	-0.9423	1.058
184	-1.061	0.04719		-0.9777	-1.73	-0.2502	-1.283	-0.7845	0.4955
185	-0.2013	-3.393	-0.6181	-0.698	-1.04	-0.06055	-0.9734	-1.005	1.465
186	-1.746	-1.658	-0.3733	-0.5631	-1.285	-0.4357	-1.459	-1.53	1.54
187	-0.6289	-0.5708	-0.5158	-0.8756	-1.498	-0.1882	-1.391	-0.5525	1.258
188	-1.423	-1.294	0.000625	-0.3292	-1.171	0.1582	-0.9647	-1.296	1.224
189	-1.398	-0.9003	-0.2153	-0.6252	-1.527	-0.3377	-1.661	-1.532	1.248
190	-1.326	-1.098	-0.2533	-0.4931	-1.285	-0.2257	-1.599	-1.44	1.02
191	-0.6518	-1.214	-0.5486	-0.7985	-1.13	0.4789	-1.664	-0.8254	1.075
192	-0.4905	-1.022	0.4127	-0.4172	-0.3791	0.3702	-0.6327	-0.5141	1.026
193	-0.2419	-0.9537	0.2313	0.05141	-0.6205	-0.07117	-1.094	-2.115	1.335
194	-0.3708	-0.1627	-0.5377	-0.5775	-1.129	-0.04008	-1.153	-0.5244	1.046
195	-0.07852	-0.2504	-0.4754	-0.4152	-1.287	-0.2778	-1.101	-0.6021	0.8979
196	-1.156	-0.4578	0.02717	-0.1727	-0.6546	-0.02525	-1.338	-0.8996	0.6904
197	-0.3317	-0.2035	-0.7885	-0.06836	-0.4102	0.6091	-0.1838	-0.1652	0.9048
198	-0.5764	-0.5883	-0.3933	-0.3731	-0.425	0.4143	-0.8686	-0.3	0.88
199	-0.7306	0.2975	-0.6675	-1.537	-1.749	-0.3999	-1.083	-1.404	-0.02418
200	-1.031	0.006719	-1.258	-1.178	-1.17	-0.1807	-0.9636	-0.975	0.015
201	-1.026	0.1819	-0.8931	-1.233	-1.675	-1.086	-1.058	-0.9298	0.1802
202	0.2746	1.283	-0.3322	-2.232	-1.764	-0.6846	-0.9975	-0.4389	-0.3989
203	0.1036	1.132	-0.8433	-2.063	-2.005	-0.8257	-0.9186	-0.83	-0.27
204	-0.2693	-0.3211	-0.1861	-1.856	-1.528	-0.3485	-1.151	-0.2128	0.1272
205	-0.4395	-0.1813	-0.01633	-0.5262	-0.498	-0.1288	-1.432	-1.193	0.507
206	-0.6921	-1.834	-0.09891	-1.119	-1.001	-0.8813		-1.186	0.6944
207	-1.284	0.1245	-1.42	-0.8803	-0.5622	-0.5929	-1.386		0.3828
208	-1.154	0.06422	-0.7808	-1.271	-1.613	-0.4032	-1.016	-0.3975	
209	-1.022	-1.964	1.001	-0.3984	-0.3003	1.069	-0.01391	-0.6253	1.895
210	0.06355	-2.658	0.9067	-0.4631	-0.385	0.6343	-0.1186	-0.68	1.69
211	0.02684	-1.015	-0.83	-1.2	-1.812	-0.1324	-1.785	-0.8367	0.3033
212	-0.6308	-0.6127		-0.4475	-0.2594	0.5299	-0.263	-0.6344	0.2156
213	-0.2414	-1.433	-0.2083	-1.368	-1.31	0.1393	-0.7636	-1.475	1.315
214	1.632	-1.58	-0.1153	-0.8252	-1.057	0.2623	-0.1406	-1.912	0.818
215	0.2064		1.28	0.2298	-0.002109	0.9872	0.7243	2.843	1.963
216	-0.8414	-0.2433	1.082	0.2019	-0.07	1.229	1.896	3.785	1.235

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
217	0.02965	0.5278	-0.1972	-0.507	-0.2189	0.07039	-1.432	2.516	-0.3539
218	0.3723	1.23	-0.1445	-0.9544	-0.7563	-0.02695	0.7802	0.3288	0.3388
219	0.2336	0.6617	-0.7133	-0.2431	-0.215	-0.2057	-0.5386	-0.41	-0.02
220	0.02355	-0.2083	0.3667	0.3869	0.235	0.5143	0.07141	-0.13	0
221	1.257	0.06547	0.7505	0.1506	-0.2413	-0.232	-0.8148	-0.9162	0.7038
222	-0.3264	-1.658	1.147	-0.1931	-0.145	-0.3857	0.9214		0.14
223	0.3961			0.7194	0.1575	0.1068	1.284	-1.188	-0.1075
224	0.2118	5.84E-13	-0.585	0.5552	0.4533	0.8426	1.02	-1.012	0.1183
225	0.1276	0.1158	0.1508	0.07094	-0.04094	-0.2216	0.01547	-0.1659	0.9241
226	2.959	-0.6333	0.8017	-0.1881	-0.58	-0.0907	-0.04359	0.385	0.445
227	-0.1514	1.347	0.06172	-0.8681	-1.28	0.7393	-0.7836	0.265	-0.215
228	2.714	-0.6383	-0.1233	-1.463	-1.175	1.294	1.691	-1.35	-0.37
229	-0.006445	0.7717	0.9567	-0.3331	-0.765	0.4343	-0.2286	-0.8	-0.15
230	0.03387	-2.118	0.167	-0.5628	-0.5947	0.3246	-0.4783	-0.9297	
231	-0.01059	-0.7424		-0.5773	-0.6391	-0.2898	-0.1427	-1.144	-0.3541
232	1.009	-0.4333	0.01172	-0.9881	-1.34	-0.2007	-1.024	-0.695	-0.155
233	0.3467	-1.405	0.3898	0.43	0.5281	-0.7026	-1.875	-0.2869	-0.04687
234	0.8636	-0.8683	0.06672	-0.8431	-0.535	-1.396		-1.36	-0.81
235	0.8105	-0.2513	-0.2363	-1.006	-1.118	-1.219	-0.6016	-0.503	-0.883
236	0.2629		-0.2939	0.8362	0.1644	-0.1663	0.6308	-1.541	-0.4606
237	0.8992	-0.6027	0.8523	1.023	1.051	0.3699	0.317	0.2856	-0.02437
238	1.281	-1.33	0.9745	0.6347	0.2228	0.5621	0.3592	0.02781	0.1878
239	0.8682	-1.094	0.3314	-0.5084	-0.3503	-0.491	0.6661	0.4347	-0.2753
240	0.1248	-0.03703	1.098	-0.2919	-0.4238	0.2255	0.7127	0.02125	-0.1787
241	0.2297	-0.02211	1.423	-0.09695	-0.4788	0.03047	0.9076	-0.2038	-0.4838
242	1.424	-0.8983	1.097	-0.1731	0.065	0.3043	0.6114	0.85	0.28
243	0.2448	-0.737	1.118	0.3981	0.08625	0.5555	0.6327	-0.2588	-0.05875
244	-0.7359	-0.7077	-0.6927	-0.02258	-0.6045	-0.2652	-0.678	-0.6195	-0.3795
245	-0.5189	-1.041	-0.5258	0.6444	0.1225	-0.6782	-1.041	-1.752	-0.1125
246	1.008	-0.3037	-0.3987	0.7314	1.1	-0.2212	0.09594	-0.4455	0.8245
247	0.6353	0.0135	1.498	0.8987	0.8968	0.5161	0.8132	0.6318	-0.3582
248	-0.8623	-0.004141	-1.649	0.06102	0.08914	0.1984	0.7355	-1.096	0.09414
249	-0.8814		-0.3183	-0.9081	-0.52	-1.161	-1.744	-1.265	-0.545
250	-0.7695	1.039	-0.006328	-2.926	-2.508	-3.279	-2.692	-0.643	-1.723
251	-0.06816	5.83E-13	-1.485	-2.085		0.9026	0.3297	-2.362	-1.922
252	-0.3114	-0.3233	-0.9883	-1.028	-1.65	0.7193	-0.3136	-1.305	-1.755

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
253	-0.006445	-2.308	-0.3633	0.3569	-0.325	1.734	-0.08859	0.74	0.55
254	-0.06152	0.3666	-0.01836	-0.5582	-0.4001	0.7692	-0.5637	-0.6651	-0.05508
255	-0.3043	-0.7861	-1.241	-0.1509	-0.1328	0.5465	0.04359	0.4822	-0.5878
256	0.2471	-1.385	-0.4197	-0.03953	0.3286	0.7079	0.015	-0.2164	0.3736
257	-0.3596	0.6485	0.9035	0.3237	0.5418	0.9811	1.678	1.687	0.0768
258	-1.228	5.84E-13	0.055	0.3852	0.1933	0.2626	0.7597	-0.2717	-0.4417
259	-0.3071	0.3511	0.4061	-0.9337	-0.2756	-0.5463	1.161	0.7594	-0.4506
260	0.3123		0.1455	-0.5844	-0.3163	-0.157	0.5102	-0.2812	0.1088
261	-0.04395	-1.186	-0.6308	1.729	2.387	1.987	1.894	3.033	0.1725
262	0.8475	2.586		0.07078	-0.4711	-0.7518		-0.9461	-0.4561
263	0.4996	0.4178	-0.5372	1.103	1.411	0.0003906	0.7875	1.106	-0.8039
264	-0.1014	1.297	-0.8483	-1.338	-1.45	0.8393	0.7864	0.725	-0.085
265	-0.9382	5.84E-13	-1.065	-0.9248	-1.317	-0.3274	0.08969	0.1183	-1.092
266	-1.024	1.535		-0.7303	-0.4122	-1.113	-1.036		0.03281
267		0.4391	-1.076		-1.218		-0.1712		-0.7726
268		0.2478	-0.3072	0.2829	0.06105	-0.8696	2.137	0.5261	-0.5139
269	-0.1543	1.374	0.4089	-1.531	-1.263	-2.064	-0.6464	0.3622	-0.4578
270		3.325	0.1503	-0.4095	-0.8114	-1.242	-1.445	-0.7264	-0.2764
271	1.06	2.558	-0.527	-0.8069	0.2212	-0.5095	0.3177	0.9663	-0.3137
272	1.014	0.7917	-0.01328	-0.6531	-0.475	0.1043	-0.01859	0.29	-0.41
273	-0.1606	4.518	-0.3674	-0.1573	0.1909		-1.343	0.2059	0.1259
274	0.5027	-0.009141	0.5859	0.876	1.094	-0.3266	-0.9595	0.1291	0.6291
275	0.1336	0.6417	-0.5933	0.4069	0.925	0.0343	0.3414	0.24	-0.12
276	-0.3743	-0.4861	0.7589	1.609	1.287	1.386	1.834	0.8521	1.052
277	3.514	-1.198	-0.05328	0.03687	0.275	2.254	1.451	0.02	-0.13
278	1.963	-0.3989	1.986	2.236	1.674	1.204	0.2808	0.3294	0.2494
279	1.301	-0.5405	1.095	1.055	0.9428	0.5521	1.179	-0.7322	0.05781
280	-0.9664	0.1017	-0.08328	-0.05313	0.115	-0.0557	0.1714	0.68	-0.18
281	-1.856	0.5617	-0.2133	-0.4731	-0.735	0.1743	0.7714	0.88	0.53
282	-0.4986	-0.1205	0.3545	0.2347	-0.007188	0.3721	-0.04078		0.1478
283	0.1382	-0.9436	-0.2886	0.6916	0.9297	-0.04102	-0.003906	-0.4153	-0.6953
284	-0.006445	0.9917		-1.063	-0.635	-0.5757	-0.5686	-0.67	-0.72
285	0.04074	0.1489	-1.056	-0.1559	-0.7978	0.3115	0.2286	-0.3228	-0.2128
286	1.116	-1.666	0.5092	0.07938	0.1875	0.2068	0.3739	-0.3275	-0.2175
287	0.9091	-0.5328	0.6722	-0.1776	-0.2395	0.7398	0.4069	0.2955	-0.1745
288	0.2029	1.281	-0.5739	-0.9938	-1.606	-0.2463	-0.8892	0.5594	0.5094

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
289	-0.4027	1.645	-1.01	-1.229	-1.281	-0.162	-0.4848	-1.046	-0.5462
290	-1.381	1.147	-1.558	-3.928	-2.899	-2.68	-0.8831	-0.8145	-1.774
291	-1.641	0.4476		-1.947	-1.209	-1.46	-1.023	0.5559	-1.064
292	0.4136	0.6017	-0.5333	-0.8331	-0.765	-0.2557	-0.9186	-1.1	0
293	-0.1079	1.06	-0.2947	-0.5845	-0.5564	-0.06711	-0.02	-0.09141	0.2386
294	-0.05645	0.03172	-0.3233	-0.8031	-0.265	-1.016	-0.3686	0.07	-0.01
295	-0.5464	0.5517	-0.9833	0.3469	-0.885	-0.3057	-0.4586	-0.93	-0.67
296	-0.7316	0.9465	-0.3885	0.2417	-0.9002	-0.1509	-0.7838	-0.7552	-0.6052
297		-0.4066	-0.6116	0.03859	-0.4833	-0.284	-0.7669	-0.7383	-0.7283
298	-0.8364		-1.183	-0.1931	-0.575	-0.2357	-0.3986	-0.49	-0.77
299	-0.8086	0.1495	-0.7555	-1.095	-1.447	-0.9179	-2.651	-0.8822	0.1678
300	-0.8439	-0.8058	0.6992	-0.6006	-0.6225	0.7968	-0.06609	-1.538	0.1225
301	-0.6264	-0.9383	-0.06328	-0.2731	-0.545	-0.2657	0.4314	-1.88	0.9
302	-1.164	0.8037	-0.001328	0.4488	0.09695	-0.6338	-1.287	0.422	0.06195
303	3.116	0.4242	-1.221	-0.8706	-1.343			-0.5575	-0.1975
304	-0.01063	1.018	-0.6475	0.9527	1.001	-0.06988	-0.4228	1.356	0.2458
305	0.1136	1.112	-0.4333	0.9869	0.895	-0.1857	-0.3386	1.22	0.17
306	0.4479	0.3361	0.1611	0.9112	0.7894	0.3987	-0.4042	0.5144	0.5144
307	-0.07645	-0.7483	0.8767	0.3169	-0.135	-0.0857	-0.03859	0.9	-0.13
308	0.0008984	0.8491	0.1341	-0.1158	-0.2777	0.2816	0.00875	1.327	-0.06266
309	-1.019	-0.3908	-0.3158	0.2344	0.4225	-0.0182	1.859	0.7875	-1.272
310	-2.042	-0.5436		0.6215	0.4296	-0.7011	0.4761	0.4446	-1.535
311	-1.106	-0.408	0.207	1.037	1.455	0.8746	2.232	1.85	-1.29
312	-1.336	-0.3683		1.227	1.525	0.2043	2.561	2.08	-1.26
313	-1.532	-0.3639	-0.04891	0.7813	0.6994	-0.2313	1.156	1.074	-1.306
314	-0.8804	0.1778	0.3728	1.073	1.021	0.0003906	1.618	1.416	-1.114
315	-0.9261	-0.01793	0.2971	0.9672	1.035	0.3546	1.522	1.45	-1.15
316	0.6636	-0.3683	-0.6833	0.06687	-0.275	-0.3757	-1.419	-0.37	-0.76
317	0.6861	0.07422	-0.2708	-0.08062	-0.3725	-0.3532	-1.636	-0.1675	-0.0675
318	0.03355	0.6617	-0.3433	0.2569	0.465	-0.0257	0.09141	0.16	0.12
319	-0.4814	0.5967	-0.09828	0.2319	0.37	0.0793	0.07641	-0.515	0.115
320	0.0008984	-1.401	0.2541	-0.2858	-0.2577	0.3416	-0.09125	-0.5027	0.9073
321	0.2407	1.359	-1.036	2.434	1.952	-0.4285	-0.6514	0.4172	0.6472
322	0.6886	0.1967	0.7917	0.8219	0.91	-0.0207	-0.3236	0.035	1.055
323	0.2493	1.447	0.0725	0.2527	0.2408	-0.3299	0.3372	0.8858	0.5058
324	-0.4864	-0.9083	0.4767	-0.9831	-1.055	-0.9057	0.05141	2.79E-11	-0.63

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
325	-0.2014	-0.3833	0.6217	-0.8981	-0.64	-0.9207	0.5664	-0.315	-0.705
326	0.4621	-0.4997	0.7353	-0.3645	-0.5564	-0.4771	-0.46	-0.5614	-0.5014
327	0.4257	-0.7461	-0.7011	-0.1209	-0.1628	0.2365		0.03219	-0.3978
328	-0.5043	-1.146	-0.5811	-0.08094	-0.3128	0.2165	-0.3664	-0.2778	-0.2878
329	-0.1464	-1.478	-0.6033	-0.03312	-0.155	0.2443	0.01141	-0.02	-0.4
330	-0.6943	-0.6661	-0.4411	0.2491	-0.1228	0.5265	-0.1764	0.09219	-0.4678
331	-0.8764	-0.09828		-0.3931	-0.485	0.9343	-0.4886	-0.85	0.25
332	0.2161	-0.2558	-0.03078	1.049	1.177	0.3868	-0.02609	-0.2275	1.333
333	0.3086	0.1467	-0.1983	-0.06812	0.57	0.3693	0.6564	-0.175	0.005
334	0.4836	-0.4683	-0.3533	0.2169	-0.175	0.7343	-0.4386	0.06	0.03
335	-0.7204	0.3878	-0.6572	0.113	0.03109	0.1004	0.2875	-0.7739	-0.1439
336	-0.1112	1.047	-0.308		-1.32	-0.1304	-1.233	-0.4347	1.615
337	-0.5089	0.7192		-0.3456	-0.5575	0.2118	-0.7911	-0.8125	0.2375
338	-0.4807	0.9574	-1.168	0.7326	-0.2193	0.07	-0.8129	0.1557	0.0157
339	-0.9364	-1.108	-0.3733	-1.643	-1.045	-0.3057	-0.5186	0.82	0
340	-0.7964	0.04172	-0.04328	-0.9231	-0.925	-0.0757	-0.5386	-0.51	0.25
341	-0.1914	-0.7633	0.2717	-0.7381	-0.71	-0.2407	-1.344	-0.675	-0.165
342	-0.665	-1.657	-0.3019	-0.1317	-0.2836	-0.0443	-0.4072	-1.299	0.1414
343	-0.5609	-0.8027	-0.2877	-0.3176	-0.5795	-0.02016	-0.483	-0.8145	-0.3645
344	-0.5564	-1.318	-0.2833	-0.4731	-0.805	-0.2057	-0.6986	-1.18	-0.43
345	0.06074		1.394	0.3741		1.011	0.06859	-0.3128	-0.1328
346	-0.5764	-1.488	1.097	0.05687	0.215	0.7143	-0.2686	-0.5	-0.14
347	-0.9364	0.7717	1.227	-0.6431	-0.055	1.384	0.1014	-0.45	-0.25
348	-0.9486	0.2895	0.4945	0.02469	0.2228	0.4821	0.4192	-0.3722	-0.002187
349	-1.039	-0.4208	0.5342	-0.03562	0.4325	0.6318	0.6489	-0.4025	0.4175
350	-0.6264	-0.7583	0.1067	-0.3331	-0.035	0.2043	-0.8786	-0.44	0.05
351	1.029	0.6275	0.2025	-0.4573	-0.8292	1	-0.05281	-0.4042	-0.7442
352	-0.6029	-1.515	0.5202	-0.9796	-0.4615	0.1978	-0.4351		0.3435
353	0.5336		-0.4033	-0.7531	-0.905	0.0943	-0.4086	0.23	0
354	0.4186	0.6467	-0.1483	0.4319	0.48	-0.5107	0.06641	-0.365	0.815
355	-0.7039	0.09422	0.1092	-0.7906	-0.4325	0.0868		-0.4275	0.3325
356	-0.6585	-0.3303	0.05469	-0.8152	-0.537	-0.4277	-1.861	0.188	-0.472
357	0.3707		0.7639	-0.2059	-0.2778	-0.03852	-0.4714	-0.5128	-0.5728
358	-1.984	-0.776	0.008984	-1.551	-0.9627	0.7966	-0.6463	1.772	0.8923
359	-0.97	-0.8819	0.1631	-0.8867	-1.029	0.7207	-0.6222	2.016	0.9664
360	-1.103	0.04562	0.000625	-1.189	-0.9811	-0.3218			-0.2361

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
361	1.219	-0.3633	0.9117	0.04188	-0.01	-0.7907	-0.8936	-0.345	0.255
362	0.2996	-1.502	0.5628	0.193	-0.1389	0.0003906	0.4875	-0.6239	-0.3139
363	-0.6239	0.1742	-0.3608	-0.1606	-0.0325	0.4368	-0.2261	-0.4575	-0.0775
364	-0.5439	0.9442	-0.9008	-0.6106	-0.8325	0.4168	-0.7961	-1.088	-0.6075
365	-0.6264	0.02172	-0.3933	-0.9531	-0.705	0.3843	-0.4086	0.11	0.07
366	-0.7161	0.312	0.757	0.5872	0.4953	0.3846	0.001719	0.7903	0.1203
367	-1.016	-1.178	0.4867	-0.6031	-0.455	0.6043	-0.3486	-0.86	-0.16
368	0.2721	0.0002344	-0.5848	-0.4446	-0.4665	-0.2572	0.1599	0.03852	-0.8615
369		0.6717	0.3667	-0.8331	-1.075	0.7543	-0.7586	0.15	0
370	-0.4746	1.174	1.129	-0.8013	-1.453	0.7062	0.003281	-0.4481	0.2019
371	0.1936	0.5717	0.1567	0.1769	0.315	0.0343	0.1914	1.4	-0.23
372	0.5495	-0.2523	0.7227	1.643	1.851	0.8702	1.267	0.8659	-0.05406
373	-0.3464	-0.5183	0.2067	0.2369	0.045	0.4043	-0.3586	0.17	-0.32
374	-0.205	-1.837	-0.5519	-0.4017	-0.6536	-0.2443	-0.8772	-0.6986	-0.2386
375	-0.3543	0.01391	-0.6311	-0.7809	-0.8928	-0.8535	-0.7264	-0.3278	-0.6578
376	0.4179	-0.4939	-0.8189	0.2013	-0.1606	-0.2913	0.005781	-0.8356	-0.5056
377	-0.02645		0.2567	0.3169	-0.055	0.5843	0.6214	2.79E-11	-0.34
378	-0.3564	0.06172	-0.9733	0.1469	-0.365	-0.4657	-0.9386	0.05	-0.69
379	-0.4893	0.9089	-0.1061	-1.066	-0.9378	0.6315	0.9486	0.7972	-0.5828
380	0.1095	-0.3723	-0.1973	0.2128	0.08094	0.05023	-0.3627	-0.9641	-0.6941
381	-0.003945	-2.256	0.3492	0.4294	0.4175	0.2168	-1.016	-0.6475	0.0625
382	-0.5677	0.8605	0.9755	0.5256	0.2637	-0.09695	-0.3098	1.539	0.3888
383	0.7828	0.341	-1.034	-0.6039	-0.6957	-0.7964	0.2407	0.3493	0.06926
384	-0.2107	-0.3626	-0.08758	0.3326	0.1607	0.34	0.7371	1.086	-0.5043
385	-0.1239	-0.4358		0.5494	0.6675	0.4768	0.9839	1.453	-0.3175
386	-0.2264	-0.05828		0.1769	-0.175	-0.4457	-0.4486	-1.22	-0.2
387	0.0223	-0.08953	-0.3245	0.4956	0.1337	0.363	0.3802	-0.3512	-0.8512
388	-0.1964	-0.6883	-0.4933	0.3469	0.275	-0.1757	0.2714	-0.86	-0.44
389		-0.9421	0.3229	0.103	0.08117	0.3205	-0.2324	-0.9838	-0.7438
390	0.5893	-0.1626	-0.5176	0.07258	0.4307	0.76	-0.1629	-0.0943	-0.1443
391	-0.06332	0.2548	-0.1602	0	0.2181	-0.2626	-1.605	-0.6069	0.3731
392	-1.079	0.5189	-0.6161	0.3341	-0.2578	-0.2485	-0.7814	-0.8128	-0.6528
393	0.4319	-0.3999	-0.004922	0.8152	0.6034	-0.8073	0.1798	-0.5616	-0.1516
394	-0.7693	0.1389	-0.7761	-0.4059	-0.4078	-0.2485	-0.2314	-0.3628	-0.4228
395	-0.06754	-1.079	0.2256	1.366	1.194	0.2132	0.9903	0.2089	0.1389
396	-0.34	-1.272	0.08313	0.7333	0.4614	-0.1193	-0.05219	-0.9036	0.09641

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
397	0.05027	0.1384	-0.1466	0.8936	0.4217	0.251	0.3481	0.2867	-0.3833
398	0.2136	0.7717	-0.02328	-0.4031	-0.005	0.6843	-0.7586	-0.18	0.23
399	0.6757	-0.2861	-1.431	-1.101	-1.073	-0.7435	-1.076	-1.358	-0.3278
400	-0.06645	0.1217	-0.5933	-0.04312	-0.395	-1.036	-0.4886	1.3	-0.26
401	0.3236	-0.5483	-0.1233	2.197	1.375	0.7443	0.7914	1.04	0
402	-1.13	0.288	-0.01703	2.303	1.401	0.06055	0.2977	-0.01375	0.3663
403	0.8036	1.262	-0.4533	-0.3131	-0.485	0.1743	0.4814	-0.08	-0.8
404	1.971	1.989	-0.4458	-0.4656	-0.6375	0.5318	1.579	-1.642	-0.0825
405	0.6161	-0.06578	-0.5508	-0.5806	-0.7325	-0.1332	0.01391	-1.237	-0.5475
406	-1.378	-1.02	-0.6153	-1.585	-1.337	-0.3377	-0.07057	-1.882	-0.752
407	-0.1364	-1.398	-0.2833	-0.8631	-0.885	0.1443	-0.3686	-1.18	-0.32
408	1.02	-1.862	-0.7772	0.593	1.341	0.0003906	-0.5125	-1.314	0.08609
409	0.2936	-0.4283		0.5969	0.265	-0.0457	0.2214	-0.12	-0.51
410	-0.4052	0.623	-0.692	0.7181	0.9462	0.2755	0.7127	0.8913	-0.1287
411	0.6036	-1.138	-0.7033	0.4369	0.285	0.4043	0.1114	-0.06	-0.96
412	0.6664	-0.07547	-1	-0.7703	-1.262	-0.3629	-0.4958	-0.5472	0.05281
413	0.6348	0.273	-1.152	-0.1818	-0.9637	-0.2044	2.193	-0.2687	0.7713
414	0.3441	0.07223	0.1372	0.1174	0.1255	-0.4552	-0.6881	-0.3795	-0.1795
415	1.874	0.2717	-0.5033	-1.313	-1.565		-0.1886	-1.61	-1.43
416	-0.303	-0.8349	0.6301	-0.04973	-0.4716	0.3377	0.7748	0.7834	-0.1866
417	1.06	-0.3321		-0.447	-0.5189	-0.06957	0.9275	-0.1039	-0.8139
418	0.7236	-1.008	-1.383	-0.9831	-1.315	0.7443	1.031	-1.18	-0.41
419	1.65	-0.152		-0.1769	-0.3088	0.1605		0.4162	0.02625
420	0.4636	-0.8783	-0.7733	-0.1831	-0.225	-0.2657	-1.239	-1.07	-0.19
421	0.5236	0.8317	-1.333	-0.7631	-0.775	-1.196	-0.8986	-0.56	-0.48
422	0.0123	-0.07953	-0.2045	-0.5344		-0.01695	0.05016	-0.5412	0.04875
423	0.3836	1.152	-0.9733	0.3169	-0.595	-0.3757	-0.4386	-0.95	-0.1
424	-0.3764	0.2317	-0.5033	-0.4931	-0.435	-0.8157	-0.9386	-0.27	-0.63
425	-1.706	0.5317	-1.113	-1.903	-0.715	-2.716	-2.499	0.01	-1.63
426	-1.869	-0.351		-0.9059	-0.1977	-1.358	-0.7913		-1.063
427	-3.038	-0.4195	-2.445	-1.964	-1.346	-2.317	-1.66		-2.151
428	-0.9477	-2	-1.215	-1.774	-1.066	-1.997	-0.7198	-1.391	-2.381
429	0.1586		-1.658	-1.908	-0.7	-2.541	-0.7636	-1.665	-2.255
430	-0.9839	-0.7058	-1.641	-2.001	-0.7625	-2.203	-0.3061	-1.518	-2.697
431	-0.3458	-0.6477	-1.573	-1.663	-1.174	-1.455	0.212	-0.8994	-1.779
432	-0.7814	-0.2933	-1.108	-1.438	-0.69	-0.5607	0.3064	-0.405	-1.385

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
433	-1.429	-1.021	-1.826	-1.826	-1.188	-1.308	-1.191	-1.353	-1.063
434	0.005195	0.7434	-0.09164	-0.1315	-0.3734	-0.5041	0.453	-0.1084	-0.8084
435	0.7792	0.3673	0.01234	-0.0875	-0.3594	-0.8501		-0.5344	-0.5244
436	0.7795	1.478	-0.4573	-0.2972	-0.2191	-1.5	-1.373	-1.654	-1.244
437	1.524	0.6417	-0.1833	-0.09313	0.235	-0.8357	-1.219		-0.8
438	-1.429	0.8196	-0.1454	1.325	0.9729	0.2321	1.089	1.418	0.6179
439	-0.2542	-0.276	-0.241	0.7891	0.8573	-0.5234	0.2037	-0.3577	-0.9377
440	0.1536	-0.1683		-0.1931	-1.335	-0.7457	-0.5486	-1.02	-0.53
441	0.7536	-0.6383	-0.05328	-0.3531	0.025	-0.0557	-0.3986	-0.8	-0.58
442	-0.4514	0.9567	-0.1083	0.07188	-1.23	-0.2007		0.075	-0.765
443	-0.5719	1.526	-0.4687	-0.3386	-0.6105	-0.7112	-1.424	-0.3855	-0.2155
444	0.2436	-0.1783	-0.6133	-0.1431	-0.365	-0.0457	-0.3186	-0.48	-0.76
445	0.5586	0.5867	0.5017	-0.1981	-0.17	-0.2407	-0.6036	-0.395	0.095
446	-0.9216	-2.483	-1.988	-2.408	-1.19	-1.931	1.356	-1.555	0.1148
447	1.166	-0.8558	0.5692	0.9994	0.9675	0.8968	0.8439	0.4125	0.2325
448	0.9419	1.17	-0.3849	0.4152	0.4034	0.1627	0.1998	1.328	0.7384
449	0.4429	0.331	-1.054	0.1162	0.5043	0.2736	0.7807	0.3393	0.0493
450	0.09668	-1.275	-0.2402	-2.55	-0.7819	-0.7326	0.7745	-0.7969	-0.6969
451	0.3611	-0.1108	-0.4558	0.2544	0.0625	-0.0482	0.1389	-0.1925	0.3175
452	-0.1107	-0.1326	0.04242	0.05258	-0.5893	-0.12	-0.1129	-0.2143	0.7457
453	1.104	-0.7783	0.3267	-0.3331	-0.405	0.4443	1.841	-0.76	-0.04
454	-0.6516	-0.01348	0.001523	-0.1983	-0.7602	0.1391	-0.5438		
455	-0.7577	0.6205	-0.2745	0.1456	-0.1563	0.123	-0.3698	0.4387	0.8188
456	0.3015	-0.5503	-0.08531	-0.5552	-0.247	0.07227	-0.4706	-0.262	0.01797
457	-0.2233	-0.3352	0.08984	0	-0.03188	0.3474	0.1445	0.1531	0.4131
458	-1.131	-0.3433	-0.008281	0.04188	-0.23	0.009297	-0.04359	-0.485	0.885
459	0.3336	0.4017	-0.2033	-0.4731	-0.345	0.3343	0.9214	0.24	-0.33
460	-0.6329	-0.2247	0.3903		-1.271	-1.552	-0.855	-0.7064	-1.536
461	0.7436	0.3617	-0.08328	-0.4131	-0.585	-0.6357	-2.969	-0.35	0.13
462		0.2067	0.4217	-0.7181	-1.01	-0.6107	-1.694	0.705	0.385
463	0.2357	-0.3661	0.03891	-0.9109	-0.4728	-0.2435	0.3236	-1.078	-0.9878
464	-0.5864	1.392	-0.4233	0.1569	0.305	-0.3257	-0.5986	-0.27	0.12
465	0.2389	-0.002891	-0.4679	-0.4277	-0.7296	-0.1203	-0.7432	-0.7146	-0.7246
466	-1.033	-0.4244	0.000625	0.05078	-0.1411	-0.6618	-1.165	-0.7861	-0.7261
467	0.08355	-0.08828	0.9867	0.1569	0.055	-0.3357	0.03141	-0.18	-0.53
468		-0.4898	0.005234	-0.004609	-0.2865	0.5728	-0.7801		0.2085

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
469		1.367	-0.5983	-0.6081	-0.78	-0.3407	-1.164	-0.935	-0.975
470	-0.1852	0.593	0.398	-0.5119	-0.2838	-0.4845	-0.2673	-1.029	-0.01875
471	0.5397	-0.2421	0.3629	-0.397	-0.5689	-0.6696	-0.6325	0.2761	-0.003867
472	0.8436	0.4417	0.09672	-0.08313	-0.635	0.1643	-0.07859	0.62	-0.51
473	-0.4564	0.4017	-1.273	-1.363	-1.575	-1.006	-0.8686	1.01	-0.48
474	-0.2809	1.397	-0.4577	-0.5376	-0.1695	0.03984	-1.293	-0.1745	-0.3645
475	-0.1462	-1.568	-0.713	-0.3829	-0.1248	0.2145	0.001641	-0.7498	-0.9298
476	-1.435	0.123		-0.4919	0.1562	1.186	0.7827	-2.799	-0.3787
477	-0.07164	-0.003477	-0.01848	-0.5983	-0.5702	-0.5509	-0.3938		0.5248
478	-0.1413	-0.6831	0.4619	0.272	-0.009844	-0.2205	-1.393	0.06516	-0.07484
479	-0.5286	-1.49	0.8945	1.805	2.063	-0.03789	-0.2708	-0.05219	-0.8322
480	0.5271	-0.1647	0.3503	0.01047	0.1486	-0.1821	0.325	0.1536	0.06359
481	1.153	-0.09898	0.206	1.326	1.194	0.5436	1.041	0.5493	-0.1607
482	-0.2564	-0.9383	-0.5233	0.2369	-0.085	0.5343	0.2714	-0.53	-0.35
483	-0.2524	-0.1642	0.7208	0.01094	-0.4609	0.03836	-0.7445	-0.7059	-0.2859
484	-0.3564	-0.3483	-0.4933	-0.1331	-0.285	0.8343	1.181	-0.61	-0.57
485	0.4836	-0.3883	-0.2633	-0.3431	-0.095	-0.0157	0.4614	-0.88	-0.11
486	-0.2385	-1.3	-0.1653	-0.3552	-0.167	0.1923	0.4294	-0.812	-0.482
487	-0.2806	0.3276	-0.6874	0.06273	0.3009	0.4302	0.7973		-0.8741
488	-1.118	1.67	0.1555	0.1956	-0.1563	0.193	0.6502	-0.1213	0.4988
489	-0.9907	1.507	0.5525	0.1927	0.0007812	0.1201	0.5972	-0.1342	0.5558
490	0.1236	0.6217	-0.5333	-0.1831	0.035	0.0343	0.2214	0.29	0.3
491	0.6875	0.1656	0.000625	-1.529	-1.121	-0.7818	-0.8047	-1.416	0.5739
492	0.5242	1.652	-0.4727	-1.692	-1.264	-0.7951	-1.888	-0.2694	0.3406
493	1.762	-0.1493	-0.7043	-0.7542	-1.146	-0.4468	-0.7296	0.1189	-0.3911
494	-0.4993	0.4689	0.6739	-0.4559	-1.198	1.021	1.519	2.347	-0.1128
495	-0.7613	0.6168	0.3218	0.242	0.3301	2.779	2.007	3.595	-1.235
496	-0.9786	-0.2905	0.5245	0.4147	0.6628	2.222	3.449	0.8478	0.1878
497	-1.016	0.5417	-0.08328	0.2069	0.435	2.974	4.281	0.23	0.14
498	-0.3979	0.3703	1.065	0.6155	0.003594	-0.7371	0.24	0.5286	0.7486
499	0.4836	0.6517	0.8367	0.5169	1.235	1.304	1.321	1.63	-0.5
500	-0.3302	1.138	-0.377	-0.3669	-0.06875	0.2705	-0.2523	1.206	-0.7937
501	-0.8533	1.985	-0.6302	0	0.3581	-0.8626	-1.425	1.143	-1.327
502	-0.8964	0.2617	-0.3133	-0.6931	-0.845	0.0943	-0.02859	-0.93	-0.27
503	-0.07145	0.8167	0.1417	-0.8381	-0.81	-0.1307	-0.9636	-0.725	0.065
504	-0.4516	1.107	-0.1185	-0.3583	-0.4802	-0.3609	-0.05379	-0.5552	-0.2752

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
505	-1.586	0.7917	0.2967	-0.4631	-0.375	-0.5157	-0.3586	1.16	0.24
506	-0.1514	0.7367	-0.6583	-0.3481	-0.41	-0.1407	-0.8036	-0.935	-0.465
507	-0.5754	0.7328		1.018	1.216	-0.2146	0.1325	0.1911	-0.2389
508	-1.016	0.5017	-0.07328	0.1169	0.045	-0.4657	-0.1186	-0.39	-0.32
509	-0.4764	-0.05828	1.157	-1.803	-2.055	-1.286	-1.509	0.49	0.05
510	-0.5864	0.8017		-0.6331	-0.685	0.4043	-2.179	0.85	0.23
511	0.05355	0.09172	0.5167	-0.9831	-0.755	-0.005703	-0.9786	-0.77	0.33
512	-0.1114	-0.3233	0.2217	1.432	1.12	0.5893	-0.09359	0.005	-0.345
513	-0.5882	5.80E-13	0.105	1.425	1.153	0.5026	-0.1303	-0.2217	-0.4417
514	-0.8214	0.2167	0.2217	-0.7581	-0.97	-0.8307	-0.2736	0.645	0.815
515	-0.2008	-0.3727	-0.2577	-0.4875	-0.5294	-0.3301	0.147	-0.4044	0.1456
516	-0.6886	-0.2405	0.5445	-0.2153	-0.5072	1.992	2.529	1.228	-0.7822
517	-0.3791	0.3191	-0.6859	-0.2558	-0.6877	1.952	3.089	3.887	-0.1427
518	0.1592	-0.6627	1.872	-0.9275	-0.8994	0.7299	1.327	0.2556	-0.4644
519	0.2207	-1.371	0.5639	-0.2559	-0.4278	1.131	-0.04141	-0.4528	1.177
520	-0.2064	-0.7683	-0.3133	-1.153	-0.965	-0.2557	-0.4286	-0.94	0.7
521	0.2481	-0.8437	0.5413	0.1814	0.2095	0.6988	0.4059	-0.08547	-0.3055
522	0.5865	1.755	1.05	0.6798	0.448	-0.06273	0.8144	0.613	0.663
523	0.7147	2.403	-0.2221	-0.242	-0.6339	1.555	2.733	0.1211	-0.1589
524	0.4586	-0.3933	-1.028	0.4419	1.31	0.3293	1.886	-0.095	0.155
525	-0.3364	0.9017	-0.2233	-0.7031	-0.105	0.6143	0.2414	-0.15	-0.37
526	0.1592	0.1873	0.2323		0.7906	0.2999	0.707	0.01563	0.3456
527	0.07996	-0.4219	-0.6769	1.313	0.9114	0.5507	1.178	0.1864	0.3564
528	1.75	1.708	-0.367	0.5031	0.4012	0.3905	-0.1823	0.3662	0.7063
529	0.08355	1.512	0.7167	-0.1631	0.465	1.024	0.5814	2.02	-0.08
530	0.8701	0.8483	2.023	0.5734	0.4516	0.4309	0.768	1.307	-0.4834
531	-1.029	0.6195		3.265	3.193	-0.6079	-0.2808	0.2878	-0.7022
532	-0.1664	1.162	2.057	-0.1631	0.545	-0.1757	-0.5086	1.69	-0.39
533	0.06941	0.04758		1.553	1.731	-0.6098	0.2873	1.446	1.326
534	0.2746	-0.2272	0.2478	0.468	0.6461	-0.7346		0.6411	1.741
535	0.1376	0.3058		-0.3191	0.07906	-1.022	-1.015	0.1241	2.394
536	1.096	0.1141	2.379	0.8993	2.157	-1.103	-0.3262	-1.458	3.732
537	1.217	-0.8852	2.87	0	1.608	-1.023	-0.8655	1.133	3.663
538	2.635	3.383	-0.01195	-2.032	-1.784	-2.034	-1.617	-0.9187	1.371
539	3.048	-0.1941	0.09086	-0.219	-0.01086	-0.3516	-0.7645	0.1141	-0.1459
540	0.6218	-0.29	2.325	-0.1148	0.5233	-1.197	-2.51		2.208

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
541	0.09355	-0.8783	-1.183	-0.05312	-0.135	1.654	-0.5986	-0.96	0.15
542	-0.6571	-0.6189	-0.9539	0.1063	-0.1256	-0.06633	0.1308	-0.9106	0.6494
543	0.4036	-0.8983		0.5669	1.985	0.4443	0.8014	-0.11	-0.26
544	0.7407	-1.621	0.04391	1.834	2.912	-0.03852	-0.2514	-0.8528	0.8972
545	0.2936	-2.078	-0.6633	1.507	2.305	0.2743	1.361	-0.41	0.65
546	0.6236	-0.2583	0.4467	1.117	1.375	1.314	0.7214	-2.22	0.33
547	0.9807	-0.5011	0.7539	-0.4059	-0.03781	0.4015	-0.4314		0.09719
548	0.3338	0.8619		0.9071	0.2552	-0.7555	-0.8684	-1.67	-0.08979
549	-0.8586	1.32	-0.8655	-2.215	-1.997	1.182	0.2292	0.03781	0.8278
550	-0.1464	2.152	0.1567	-0.9331	-1.205	-0.1857	-0.2786	-1.28	-0.52
551	-0.1314	0.08672	0.9917	-0.3181	0.17	-0.0407	-0.08359	0.175	0.045
552	-0.4093	0.6789	2.744	0.8441	0.1022	0.8815	1.349	3.097	1.907
553	1.364	1.002	1.937	-0.1231	-0.925	-0.3757	-0.5386	0.66	-0.74
554	-0.8754	0.1428	2.388	0.468	0.5561	-0.6646	-1.027	1.401	1.601
555	1.324	1.002	-0.2533	1.027	0.545	-1.126	-1.709	-0.7	0.5
556	2.129	0.9067	0.6217	1.332	1.31	-1.911	-2.404	-0.005	1.455
557	1.719	0.9267	-0.008281	-1.168	-1.52	-1.091	-0.7636	0.005	-0.005
558	0.1836	1.082	1.027	-0.8631	-1.395	-0.2157	-0.4686	1.22	0.65
559	1.156	0.4539	0.5089	0.109	0.09715	-0.5236	-0.8364	0.1821	0.1821
560	-0.2858	0.6023	0.2173	-0.1325	-0.3044	0.9049	-0.218	0.3706	0.3506
561	1.224		0.3067	-0.4931	-0.955	0.8743	-0.07859	-0.07	0.53
562	-0.9064	1.932	1.807	-0.4831	-0.165	-0.6657		0.23	0.24
563	0.5139	-0.128	1.067	0.4272	-0.1547	-0.5954	-0.2783	0.6903	0.6503
564	-0.1542	1.054	0.249	-1.241	0.3673	-0.3134	0.1037	2.042	0.1723
565		-0.5689	0.02609	-0.3438	-0.3156	0.2837	0.0007813	0.6694	0.6594
566	-0.03535	0.09281	2.968	-0.502	-0.5939	-0.1046	-0.8575	2.151	1.091
567	-0.5677	-0.8795	0.2555	-0.6544	-0.6263	-0.02695		0.9187	0.07875
568	0.8907	0.8689	0.3239	-0.1359	-0.1078	-0.08852	-0.3714	0.3472	0.3972
569	-0.06488	-0.6767	1.168	0.008437	0.1166	0.4459	-0.717	1.232	-0.008437
570	-0.3033	0.3048	0.9398	0	0.1581	-0.5126	0.1645	1.353	-0.1369
571	0.4739	1.052	-0.01297	0.3072	0.1553	-0.5754	0.04172	1.64	0.5603
572	-0.8804	1.598	0.04281	-0.417	0.3211	-0.4196		0.4961	0.6161
573	-0.863	0.6851	-0.03988	0.05027	-0.1816	-0.8023	-0.6052	0.1634	0.1034
574	0.4115	1.66	-0.7954	-0.2852	0.2529	-0.8778	-0.8007		0.1779
575	0.5898	0.988	0.773	-0.1869	-0.2788	-0.3795	-1.222	0.4662	0.1163
576	0.6543	0.4925	0.7675	-0.1424	-0.4542	-0.4549	-0.7178	0.9008	0.3508

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
577	0.3036	0.7117	-0.03328	-0.6831	-0.555	0.2943	-0.5386	2.54	-0.51
578	1.361	0.07867	1.184	-0.3162	-0.288	-0.3888	0.02836	1.217	0.517
579	0.5896	-0.01219	0.01281	1.013	1.171	-0.3696		-0.1839	-0.7539
580	-0.1864	0.8617	-0.4833	1.737	2.005	-0.2357	-0.1786	1.03	-0.13
581	0.8007	-0.09109	0.8439	0.3041	-0.5178	0.06148	-0.5214	0.7072	0.2872
582	0.8392	-0.7527	1.252	0.4125	-0.2194	0.3399	-0.383	0.7656	0.9556
583	0.9736	1.062	-0.8333	-1.593	-1.085	-1.406	0.4314	1.2	-0.91
584	2.164	0.3117	-0.3333	-0.6631	-0.635	-0.5157		1.19	-0.24
585	-0.7658	1.852	0.3473	-1.102	-0.4644	0.4949	-0.508	0.3206	-0.9094
586	1.017	-0.1752	0.5398	0	-0.3419	-0.2226	-0.08547	0.01312	-0.4169
587	2.464	3.162	-0.4233	-0.7131	-0.455	0.3443	-1.169	4.28	-0.6
588	-0.6183	-0.6302	0.8548	0.295	0.5931	1.292	0.05953	-0.03187	0.07813
589	-0.1532	3.005	0.33	-0.1399	-0.3118	-0.7925	-0.2354	-0.2268	0.2532
590	2.409	0.7373	-0.2477	-0.1075	-0.2094	0.5299	1.037	0.1556	-0.3444
591	0.5493	2.567	-0.4775	-0.3873	0.0007812	-0.4599	0.3672	-2.084	0.4758
592	-0.2314	0.2168	0.0118	0.07195	0.6201	0.5394	-0.2535	-0.7149	0.3851
593	0.03836	-1.743	-4.738	-3.358	-0.5902		0.6462	-1.975	-3.765
594	0.06379	0.152		-0.002891	-0.6648	-1.355	-2.378		-0.08977
595	-1.557	1.761	0.09609	-0.4238	-0.4656	-0.5663	-1.469	-0.2406	-0.5906
596	-0.1952	0.453	-1.492	-0.4019	-0.7838	-0.01445	-1.467	0.7113	-0.1487
597	0.8836	0.05172		-0.6831	-0.975	-0.7557	-2.659	1.39	-0.27
598	-1.101	-0.4733	-0.03828	-0.1081	2.33E-12	-0.3007	-0.4236	-0.835	-0.545
599	0.7536		-0.2933	-0.9631	-0.175	0.7243	1.551	-0.09	0.01
600	-0.02645	0.2417	0.4167	0.1869	-0.205	-0.7157	-0.6686	0	0.19
601	-0.5042	-0.216	0.399	0.06914	-0.1027	0.04656	-0.5863	-0.3277	-0.2477
602	-0.4509	-0.4327	-0.1377	-0.1276	-0.2095	-0.0001562	-0.613	-0.1445	-0.2045
603	-0.1814	0.8167	0.6017	2.242	1.69	0.1293	-0.6336	1.345	0.095
604	-0.9664	0.02172	0.03672	0.4369	-0.575	-0.0657	-0.9886	-0.56	-0.02
605	-2.326	-2.878	-0.9033	-0.1531	-0.285	-0.9457	-0.7486	-1.67	-0.18
606	-2.191	-2.212	-1.217	-0.1973	0.6308	-1.05	-0.1828	-1.094	-0.5142
607		-1.081	-0.6458	-1.486	-0.8975	-0.7982	0.1089	-1.482	-0.5925
608	-2.14	-1.512	-1.137	-2.126	-1.198	-1.679	-0.1719	-0.6633	-1.253
609	-2.222	-3.064	-1.219	-2.749	-2.01	-1.701	-0.01406	-2.015	-1.375
610	-2.981	-3.593	-1.918	-3.347	-1.599	-2.52	-0.263	-2.454	-1.824
611	-2.658	-3.05	-1.675	-3.364	-1.716	-1.997	-0.4798	-2.391	-1.501
612	-0.04996		-0.7068	-0.5466	-0.1085	-1.309	-0.2021	-0.5835	-1.524

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
613	-0.1593	-1.661	-1.266	-1.176	0.09219	-1.389	-0.5914	-0.7228	-1.803
614	-0.04355	-1.085		-0.8202	0.02789	-1.013	-0.2757	-1.237	-1.367
615	-0.5454	-1.277	-0.9122	0.878	0.1061	-0.7846	-0.6475	-1.269	-1.389
616	-1.746	-1.978	-2.023	-1.193	-0.4446	-2.085	-0.4582	-2.38	-0.9496
617	-2.397	-1.689	-1.894	-1.494	-0.8756	-2.826	-1.349	-2.511	-1.931
618	-1.746	-1.718	-0.9033	-0.3831	-0.035	-1.716	-0.4286	-1.11	-0.71
619	0.7236	0.6117	-0.09328	-0.1831	-0.485	1.044	0.6114	0.89	-0.32
620	0.8048	0.723	-0.05203	0.6981	0.3662	-0.2845	-1.937	1.491	1.121
621	-0.7114	1.577	0.04172	0.9319	0.72	0.5093	0.7364	0.985	0.365
622	-1.201	0.5276	-2.037	2.343	2.011	1.08	1.247	-0.02414	1.056
623	0.1557	2.534	-1.221	2.239	1.407	0.2665	1.574	-0.3378	2.612
624	-1.048	2.6	-0.5945	1.316	1.074	-0.557	-0.5398	-0.5213	0.3687
625	-0.2706	0.8975	-0.1975	1.993	1.391	0.3001	0.4372		-0.1042
626	-1.171	1.557		0.3419	-0.22	-0.1007	-0.5836	3.625	2.045
627	-1.106	0.5817	-0.4833	0.5869	-0.045	0.5243	0.7014	0.5	0.54
628	-1.236	0.5117	0.6767	-0.2031	0.185	1.434	1.331	1.55	1.01
629	-0.07895		-0.2258	1.954	1.212	-0.4782	-0.5611	3.188	-0.5525
630	0.5659	0.5341	1.989	1.009	0.6973	-0.6934	-0.2062	0.9323	0.7923
631	-0.6633	0.9648	0.1598	0.49	0.6881	-0.3426	-0.03547	1.193	0.1831
632		2.198	1.113	-0.1969	-0.02875	-0.4795	0.3077	2.846	-0.5337
633	-0.4464	1.592	0.2468	-0.753	-0.05492	0.2644	-0.4585	-0.4399	-0.08992
634			-0.4533	-0.3931	-0.395	-0.5257	-1.279	-0.83	-0.03
635	-0.5491	2.089	-0.0559	-0.8457	-0.7576	0.1417	-1.061	0.2674	0.4774
636	-0.5054	1.193	-0.05219	-0.212	-0.5239	-0.2946	-1.707		0.2411
637	0.3536	1.002	0.2267	-0.6431		0.3243	-0.5786	-0.92	0.28
638	0.3364	1.695	0.3895	-0.2103	-0.3122	-0.7929	-1.176	-0.2672	-1.267
639	0.9898	3.268		-0.7269	-0.9588	-0.3795	-0.9623		-0.3937
640	-0.9133		0.3298	0	-0.5319	0.1074	-0.4455	-0.4269	-0.2969
641	-0.4271	1.081	-0.314	-0.3038	-0.0657	0.7936	-0.2693	0.4293	-0.0707
642	-1.466	0.9817	-0.2733	0.1269	0.205	-0.1857	0.09141		-0.07
643	-0.5677	-0.1995	-0.03453	-1.354	-1.056	0.483	0.03016	-0.8413	-1.191
644	-1.727	-0.4789	-0.9139	-1.534	-1.356	1.224	-0.1292	-0.3306	-0.4606
645	-0.3479	0.2803	-0.5147	-1.365	-1.096	1.813	1.71	-0.6514	0.1586
646	0.4023	-0.9495	0.03547	-0.2544	-0.5863	0.343	1.17	-0.3112	-0.2212
647	1.429	-1.263	-0.1781	-1.418	-2.17	1.739	1.357	-1.455	-1.015
648	1.184	-0.4183	-0.02328	-0.5631	-0.835	0.6543	1.221		0.13

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
649	-0.3064	-0.2883	-0.4833	0.01687	-0.255	-0.4457	0.4314	-0.46	-0.74
650	0.6397	-0.3521	-0.09715	-0.307	-0.6089	0.2304	0.4775	-0.4239	-0.4839
651	0.3361	-2.086	0.5892	-1.521	-2.103	-1.613	-1.476	-1.867	-0.1975
652	0.5693	-3.613	0.9725	-2.197	-3.459	-3.28	-2.373	-3.324	-0.3442
653	0.5625	0.04062	-0.4244	-0.7442	-0.3661	0.2232	-0.3897	0.1789	-0.4611
654	-0.1768	-0.1086	-0.8536	-0.5734	-0.6753	0.284	-0.9289	-0.3303	-0.2303
655	0.3636	-0.7683	0.3467	0.3469		-0.9157	0.1714	-0.63	-0.03
656	0.5867	0.8648	-1.2	-1.3	-0.9019	-0.2626	-0.08547	-0.07687	-0.02687
657	-0.7214	-0.1933	1.242		-0.5	-0.0407	-0.5036	-1.165	-0.135
658	0.3048	-0.447	-1.422	-1.432	-0.8838	-0.7945	-0.9673	-0.5088	-0.9487
659	-0.3929	-1.475	-0.9897	-1.45	-1.161	-1.672	-1.075	-0.7564	-0.4264
660	0.6861	-2.386	-1.411	-1.741	-1.053	-2.343	-0.3761	-0.1975	-0.1575
661	0.667	-2.475	-0.9998	-1.92	-1.612	-2.112	-1.375	-0.1166	-1.217
662	1.24	-1.842	0.363	0.04312	0.1312	-1.019	-0.1223	-0.2338	0.4763
663	-0.1618	-1.934	-1.749	-0.8684	-1.28	1.659	2.866	-1.865	-1.355
664	-0.09895	-1.951	-1.416	-1.056	-1.638	1.142	3.349	-1.522	-1.032
665	-0.0334	0.8748	-1.02	-0.7901	-0.842	-0.7627	-0.6255	0.313	-0.337
666	0.5636	-0.3783	-0.5933	-0.8331	-0.745	-0.2557	-0.6186	0.15	-0.28
667	1.494	-1.248		-1.073	-1.305	-1.746	-0.2786	-0.89	0
668	-0.1889	0.6392	-0.3658	-0.1956	-0.2775	-0.6582	-0.2411	0.1675	-1.012
669	0.2265	-0.6353	-0.1003	-0.3902	-0.2621	-0.07275	-0.1956	-0.1371	-0.2071
670	-0.09645	-0.6583	0.6567	-0.1831	-0.195	-0.1457	-0.9086	0.28	0
671	1.178	-0.5737	0.00125	-0.2086	-0.3405	-0.6012	0.2059	0.02453	-0.4955
672	-0.4142	-0.326	-0.211	-1.201	-1.173	-0.5734	-0.8563	0.2323	0.1523
673	-0.3754	0.7128	-0.5222	-0.562	-0.4539	-0.8546	-0.4175	-0.02891	0.05109
674	-0.1664	1.922	-1.033	-1.393	-0.345	-1.746	0.3914	-0.59	0
675	-0.3686	1.16	-1.025	-0.4453	-0.6772	-0.3279	-0.7708	0.03781	-0.7322
676	-1.196	-1.698	-0.4433	-0.1431	-0.095	0.1943	-0.008594	-0.3	-0.58
677		-0.9645	-0.4795	-0.2894	-0.06125	0.298	0.3952	-0.4262	-0.9662
678	-0.4764	-0.5483	-1.243	-0.3331	-0.465	1.084	-0.09859	-0.83	
679	-0.5664	2.032		1.077	0.355	-1.256	0.2914	-0.82	-0.4
680	-0.4914	-0.5033	-0.4083	0.06188	-0.45	0.3893	0.2264	-1.495	-0.105
681	0.7014	1.55	0.3545	-0.6053	-0.8572	-0.5179	-0.5808	-0.3722	-0.5822
682	0.1196	0.1378	-1.087	-0.527	-1.349	0.0003906	-0.7725	-0.08391	-0.5539
683	-0.4442	1.914	-0.731	0.3591	-1.073	0.9566	-0.5863	0.1323	-0.7377
684	-0.2064	1.782	-0.8233	0.3269	-2.125	0.2543	-1.809	-1.22	-1.03

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
685	1.002	1.93	-0.7045	0.7256	-0.3963	0.313	-0.7798	0.4187	-1.061
686	0.9223	2.28	-1.955	1.306	-1.166		-2.28	0.00875	-1.361
687	0.9636	2.042	-0.8933	1.017	-0.775	0.2643	-1.489	-0.04	-1.04
688	0.2736	1.902	-0.4033	0.4069	0.015	0.6443	-0.01859	0.52	-0.65
689	0.3907	1.379	-0.9961	0.1341	-0.5078	0.001484	-1.041	-0.1528	-1.093
690	-0.3806	0.05758	-0.6674	0.4127	-0.03914	0.2602	-0.6327	0.2159	-0.9541
691	-0.8677		-0.7245	1.806	1.824	0.343	-0.1098	-0.4313	-0.2113
692	-0.1961	-0.798	-0.693	-0.6928	-0.8447	0.2746	-0.8583	-0.2197	-0.9897
693	-0.4942	1.574	-1.321	-2.151	-1.423	0.2066	-0.3763	-0.9177	-0.9177
694	0.7095	0.5777	0.5727	0.5228	0.04094	0.07023		0.01594	-0.3741
695	-0.6302	0.728	0.513	-0.6069	-0.3588	0.1205	0.4677	0.2462	-0.1037
696	0.1823	-0.04953	-0.8445	-0.3644	-0.5063	0.693	-0.3498	-0.2813	0.06875
697	-0.4243	-0.8261	1.309	-0.03094	-0.5028	0.1265	-1.106	-0.8178	-0.4878
698	-1.443	0.2748	-0.8002	-1.66	-1.932	-0.4227	-0.005547	-0.917	-1.307
699	-1.746	0.8617		-1.023	-1.235	-0.7157	1.761	-0.3	-2.02
700	0.7901	-1.902	0.2633	-0.006562	-0.5884	-0.4191		-0.4134	-0.3634
701	0.05715	-1.175	0.2703	-0.1895	-0.03141	-0.8821	-0.365	-0.7964	-0.07641
702	-1.275		-0.6422	-0.08203	-1.674	-0.8146	-0.9175	-1.469	-1.379
703	-2.065	-1.277	-0.422	-1.052	-1.324	-0.2945	-0.4273	-0.4487	-1.089
704	0.6686	0.7367	-0.3683	-0.2781	-0.31	-0.0507		-0.935	-1.885
705	-0.04035	2.448	-0.9172	-0.557	-0.5389	-0.3796	-0.4225	-0.9639	-0.6039
706	-0.9362	-0.438	-0.353	-0.5529	-0.04473	-0.7454	0.2517		0.09027
707	-0.2042	-0.706	0.289	-0.5109	-0.8027	0.02656	-1.636	0.01227	0.2123
708	0.1786	-0.8733	-0.05828	-0.5281	-0.94	-0.8007	-2.084	-1.735	-0.075
709	0.7995	-0.6223	-0.4073	-0.3472	-0.06906	-0.8698	0.2873	-0.5041	-0.4441
710	-0.2086	0.5595	-0.3355	-0.7853	-0.8972	-1.148	-0.3208	-0.8922	0.007813
711	-1.221	0.6474	-0.5476	-1.307	-0.9393	-1.58	-1.063	-1.394	0.4257
712	-0.8603	0.1579	-0.4271	-1.257	-1.069	-1.24	-0.9124	-2.644	0.5362
713	-0.1809	-0.4427	-0.8577	-0.7676	-0.8795	-0.5602	-1.253	-0.6345	0.2855
714		-0.5502	-0.6652	-1.475	-1.057	-1.158		-1.322	0.1781
715	0.2036	0.6417	-1.383	-0.5731	-0.595	-0.4957	-0.1786	-0.26	0.43
716	-0.8693	-0.1311	0.7639	-0.476	-0.2479	-0.4486	-0.6114	0.3571	-0.05285
717	-0.8127	0.4155	0.01047	-0.6094	-1.091	-0.08195	-1.215		-0.7763
718	-0.3077	1.04	2.185	-1.074	-1.046	0.613	0.7502	0.5187	0.01875
719	-0.9114	-0.6633	0.1317	-1.058	-1.44	-0.2607	-0.9336	-1.355	0.215
720		-1.908	-0.6533	-0.8131	-0.785	-0.4257	-2.689	-3.77	-0.52

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Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
721	-0.8214	-0.8733	-0.7283	-0.7381	-1.22	-0.1007	-0.7536	-0.675	-1.415
722	0.3032	0.4314	-1.474	-0.6934	-1.885	-1.406	-1.349	-0.4203	0.08969
723	-0.6064	-0.2683	0.6167	-0.1631	-0.415	0.6543	-0.008594	0.92	-0.32
724	0.1729	-0.2789	-0.3339	-0.4937	-0.2856	0.2537	0.2908	-0.2806	0.4694
725	-1.356	-0.05828	0.3767	-0.6131	-0.885	-0.3657	-1.949	-0.42	0.3
726	0.2462	-0.7456	-0.8306	-0.0004688	0.3677	-0.03305	-0.06594	-0.9273	0.02266
727	0.5211	-2.281	-0.3758	-0.1156		0.1118	-0.6811	-0.5525	
728	0.3893	-0.2026	-0.4076	0.2226	-0.1093	-0.28	-1.483	-0.8343	0.6457
729	-0.2536	1.795	-1.32	-0.9703	-1.632	-0.8829	-1.286	-0.8772	-0.5872
730	-0.06207	2.346	-1.139	-1.179	-1.881	-1.141	-1.484	-1.546	-0.4756
731	-0.1564	-0.7083	-0.2833	-1.723	-1.315	0.1643	-0.9586	-0.02	0.41
732	-0.2623	-0.4141	-0.3691	-0.769	-1.121	-0.6116	-1.084	-0.7059	-0.2559
733	-0.5664	1.432	-0.06328	-0.2731	-0.355	0.4143	0.001406	0.2	-1.11E-16
734	-0.5938	-0.5856	0.04938	-0.4405	-1.032	0.257	-1.896	0.2927	-1.027
735	-1.661	-1.203	-0.8382	-0.07805	-0.1099	0.1494	-0.3235	-1.235	-0.6749
736	-1.247	-1.199	-0.1836	0.2166	0.2047	0.794	0.9111	-0.06031	0.09969
737	-1.167	0.03086		-0.314	-0.5959	-1.247	-0.9795	-2.081	-0.2309
738	-0.1164	-1.448	-0.8733	-0.4831	-0.675	-0.9157	-0.5886	-1.58	0.35
739	-0.6108	-0.8727	-0.4577	0.3325	-0.01938	0.3799	0.347	-0.8044	-0.7044
740	1.079	1.007	1.512	0.6725	-0.2294	-0.07008	-0.183	2.046	0.1556
741	0.6517	0.07984	-0.03516	0.475	0.2831	-1.038	-0.5305	-0.2619	-0.3619
742	-0.4364	-0.3383	0.8067	0.8069	1.105	0.2943	0.4214	1.03	0.04
743	-0.2764	-0.4483	-0.2033	-0.4231	-0.105	0.4043	0.7514	-0.74	-0.54
744	-0.09395	-1.676	0.9292	0.7894	0.8675	0.0968	0.3639	-1.917	-0.3075
745	0.6798	-0.122	0.373	0.6031	0.6012	1.041	1.238	0.3763	0.2363
746	-0.4206	1.188	-0.1775	0.8027	0.09082	0.4401	0.2772	1.116	-0.7842
747	-0.7789	0.3792		0.3644	0.3825	-0.1282	0.06891	-0.3625	-0.2025
748	0.3346	-2.077	-0.6022	-0.232	-0.1839	-0.4646	0.0025	-0.04891	-1.829
749		0.6381	-0.6969	0.07328	-0.2586	-0.3693	0.04781	-0.3036	-0.8836
750	-0.369	-1.131	0.08412	0.4343	0.1124	-0.4283	-0.9412	-1.173	-0.5526
751	0.004727	-0.1671	-0.4721	-0.762	-1.654	-1.075	-0.8574	-1.809	-0.3988
752	-0.08895	0.6492	-0.8658	-0.1856	-0.0975	0.5918	0.7189	1.088	-0.7025
753	0.2214	1.72		1.395	0.5529	-0.9579	0.3993	-0.1421	-1.092
754	-0.9197	-0.1816	-0.1966	0.2736	0.2217	1.561	1.918	-0.2833	-0.6433
755	-0.6997	0.9584	-1.237	0.3036	0.06172	0.911	1.598	0.4067	-1.503
756	-0.2914	-0.5233	-0.01828	0.5119	0.07	0.1693	0.6664	-0.775	0.965

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
757	-0.5636	-0.8454	0.02961	0.5898	0.007891		0.7443	-1.017	1.013
758	0.6292	0.2673	-0.2477	1.723	1.641	0.2099	0.607	0.4956	0.5356
759	-0.4664	1.192	0.8067	-0.1631	1.295	-0.5157	1.751	-0.88	1.52
760	0.4118	-1	0.095	-0.9448	-1.127	-0.6674	-0.05031	-0.7217	0.2183
761	0.6811	-1.351	1.434	-0.4756	-0.2975	-1.138	0.1589	-1.213	-0.0125
762	0.1336	-0.2683	-1.113	0.2469	-1.305	0.1043	-0.6986	-1.11	-0.35
763	0.5398	0.238	-1.077	-0.8769	-1.439	-1.229	-0.9123	0.1363	1.856
764	-0.4685	0.3097	1.195	0.07484	0.263	-0.6677	-0.3506	0.988	-0.212
765	0.09027	0.3484	-1.437	-1.346	-1.318	-0.519	-0.9219	0.2867	0.006719
766	0.3507	-0.5511	0.4239	0.5441	0.9322	-0.01852	0.1286	-0.2528	-0.1528
767	-0.7564	0.9817	0.03672	0.7869	0.775	0.3043	0.03141	0.02	2.13
768	0.1432	0.3114	0.5564	1.157	1.225	0.664	-0.2489	0.2397	2.1
769	0.7336	-0.5983	0.1467	-0.4531	0.115	0.2343	1.321	1.13	0
770	0.3579	0.5661	0.5411	0.2713	0.3594	0.7787	-0.7542	1.274	-0.3356
771	0.3092	-1.633	0.8623	-1.077	-1.439	4.34	4.007	4.856	2.246
772	-0.2408	-0.3527	3.142	0.0825	0.1406	2.28	2.537	4.006	0.2856
773	1.979	1.717		-0.09812	-0.8	3.309	2.946	2.845	0.805
774	-0.1689	0.8792	-0.5758	-0.01562	-0.2675		1.089		0.2775
775	-0.1789	1.819	2.204	0.01438	-0.0075	1.202	1.229	1.368	0.2375
776	-2.358	-0.1803	0.6047	-0.5752	-0.747	0.8123	1.279	1.018	0.678
777	-0.2164	0.6217	0.9867	0.1369		-0.3557	0.8114	0.18	0.5
778	0.8086	0.8667	1.422	0.9619	1.03	1.869	2.156	0.425	0.545
779	0.0008203	1.129	1.114	2.354	2.132	0.8516	1.209	0.7773	1.627
780	-0.007695	-0.5395	-0.4745	0.4856	1.284	0.273	0.5802	0.4487	-0.2412
781	-0.1106	0.04758	0.6226	0.3227	0.6109	0.3502	-1.233	-0.08414	-0.2941
782	0.007227	0.3054	-0.8596		0.4187	-0.152	0.9651	1.034	0.2237
783	-0.0148	0.2734	-0.2716	0.2785	0.06664	2.186	0.383	-0.5084	0.4116
784	0.03033	0.1785	0.5735	0.6437	0.6218	0.1311	0.6782	0.3868	-0.8332
785	0.1036	-1.758	0.5267	-0.6531		-0.2857		0.51	-0.26
786	0.1486	0.5767	1.782	0.6019	0.45	0.9393	0.9464	1.255	-0.125
787	-0.3007	0.3775	0.4325	-0.2573	0.0007812	0.6801	0.7172	0.7758	0.1258
788	-0.4086	1.26	-0.2755	0.1047	0.2628	0.6021	0.1992		1.148
789	-1.196	2.332	1.297	1.477	1.535	0.2943	0.2614	1.79	-0.45
790	0.4936	0.1317	0.4967	0.03688	0.065	0.1343	0.8014	1.18	-0.13
791	-0.1442	1.164	-0.421	-0.3909	-0.1027	0.4466		1.102	0.08227
792	0.0008984	-0.04094	-0.9359	-0.3258	-0.2977	-0.2684	-0.8512	0.3873	0.3173

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
793	-0.6204	-0.2522	-0.6472	2.003	2.841	1.15	2.308	-0.8239	0.01609
794	-0.9614	0.6467	0.5817	-0.2281	0.13	0.6693	0.8064	0.215	-0.395
795	-0.3464	-0.3083	0.5567	-0.1431	0.165	0.3543	0.8014	0.42	9.74E-09
796	0.6598	0.698	0.293	0.5731	0.6112	0.3805	0.5477	0.5662	0.6063
797	0.6836	-0.03828	0.1667	0.7269	0.845	0.4343	1.121	0.89	0.32
798	1.366	0.2345	0.07953	-0.1403	-0.05219	-0.002891	0.4142	0.5728	-0.4872
799	0.08465	-1.067	0.7178	-0.292	-0.2139	-0.2646	0.3425	0.02109	-0.1289
800	0.63	0.6081	-0.1269	-0.03672	0.05141	-0.2493	-0.1522	1.036	-0.2736
801	0.5648	-0.287	0.108	-0.2619	-0.4538	-0.3345	0.3927	0.7413	-0.2387
802	0.5061	-0.4358	0.2992	0.1494	0.1375	0.3868	0.9339	0.9325	0.1125
803	0.7036	-0.07828	0.3167	0.01688	0.105	-0.1257	0.3914	0.37	0.39
804	0.7605	-1.161	0.9437	-0.2162	0.09195	-0.6288	-0.2116	-0.763	0.277
805	0.9391	-0.2227	0.2023	0.7524	0.8005	0.1098	1.097	0.6255	
806	-0.3464	0.01172	0.1767	0.2969	0.445	0.0343	0.01141	0.93	-0.24
807	-0.3886	0.4295	0.2145	-0.2953	-0.2072	0.4521	1.309	0.8178	-0.6422
808	-0.6208	0.4073	0.04234	0.5925	0.5406	0.1599	1.157	0.4356	-0.2444
809	0.06355	0.2117	-0.9533	0.5769	0.915	-0.6557	0.1414	0.77	0.02
810	0.1364	0.7645	0.5195	0.04969	0.3678	0.1471	1.674	1.033	-0.2272
811	-0.04535	-0.6372	1.118	-0.282	-0.1339	-0.7746	-0.9375	0.2011	0.04109
812	0.0123	-0.5395	-0.03453	-0.5144	0.08375	-1.057	-1.23	0.1987	-0.4713
813	-2.561	0.07672		-1.368	-1.1	-1.061	-0.9336	-0.165	1.365
814	-0.2604	0.2378	0.3628	-0.277	-0.2489	-0.03961	-0.3725	-0.1639	-0.2939
815	-0.001445	0.05672		-0.5381	-0.66	-0.4307	-0.05359	0.025	-0.365
816	-0.9858	0.8323	1.697	-0.8325	-0.3344	0.1949	-1.388	1.041	0.2006
817	1.119	-0.5833	-0.1983	0.5519	0.58	-0.2107	0.1664	0.065	0.385
818	0.04668	0.8948		0	0.2281	-0.6326	-0.1555	0.2431	-0.07687
819	1.042	-0.4895	0.7255	-0.05438	1.154	-0.437	0.4702	-0.07125	0.1787
820	0.761	-0.2309	0.9041	-0.2557	-0.0776	-0.1383	0.08881	-0.0426	-0.6326
821	1.135	-0.1772	0.9378	-1.912	-1.744	-1.405	-2.307	-1.419	-0.4989
822	-0.8264	0.4017	0.07672	-0.02313	-0.085	-0.1857	-0.3486	0.09	0
823	-0.2015	0.3466	1.882	0.4318	0.5199	-0.1208	0.8963	0.9049	0.02492
824	-1.151	0.2973	1.012	-0.0575	0.2406	-0.3101	-0.713	0.7756	-0.9144
825	-0.22	0.5682	0.8432	-0.1067	0.05145	-0.3793	-0.1221	1.026	-0.3236
826	-0.2434	0.5048	1.25	0.08992	0.528	-0.02266	0.4745	0.813	-0.667
827	0.3029	-0.6089	1.016	-0.07375	0.3744	-0.4363	0.5208	0.4194	-0.2406
828	0.1297	-0.3321	0.01287	0.323	0.4512	-0.02955	0.5076		-0.1238

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
829	-0.04816	5.83E-13	0.715	0.1252	0.3333	0.1526	0.9197	0.8583	0.4483
830	-0.4835	0.7247	0.3997	-0.8302	-0.322	-0.5227	-1.006	0.353	-0.147
831	1.182	-0.4999	0.3151	0.09523	-0.04664	-0.6673	-0.8702	0.3184	0.06836
832	-0.192	0.5162	0.01117	0.4813	0.9495	-0.3513	-0.6341	0.8345	0.4345
833	-0.5239	-0.1658	1.659	-0.7306	-0.5825	-0.8032	-0.7961	0.0425	-0.0875
834	0.6752	-1.707	1.448	-1.261	0.4666	-1.014	-0.917	-0.1484	0.6116
835	-0.1396	-0.1314	0.6836	-1.226	-0.3181	-0.7088	-0.4617	-0.1131	-0.5131
836	-0.09254	-1.054	1.311	-0.4492	-0.3211	-0.9618	-1.005	-0.4361	-0.1961
837	0.04926	-0.2126	0.4424	-0.2374	-0.009297	-0.21	-0.1229	0.0757	0.2657
838	0.5136	0.3117	0.7667	-0.8631	-0.155	-0.3057	-0.1986	0.97	-0.03
839	0.1736	-0.4683	-0.003281	-0.08313	0.265	-0.2557	-0.6586	-0.02	0.3
840	0.6886	0.8068	-0.3482	-0.218	0.01008	0.04937	0.2165	0.5351	-0.1449
841	-0.6614	0.1167	0.3317	-0.06812	-0.04	0.0293	0.1764	0.595	-0.195
842	-0.2764	0.7417	0.9867	-0.3631	-0.145	-0.3657	-0.5086	1	-0.02
843	-0.4221	0.606	0.321	-0.1288	-0.0007032	-0.3814	0.3157	0.8343	-0.0957
844	0.07387	0.372	0.937	-0.2328	-0.2047	0.1646	-0.3183	1.42	-0.5497
845	0.0008984	0.5791	-0.04594	-0.2858	-0.3077	-0.06836	0.00875	1.337	-0.3027
846	-0.1686	0.6495	0.6145	0.05469	0.08281	-0.6379	-0.2208	0.1678	0.03781
847	-0.1952	0.273		0.2981	0.4362	-0.8145	-0.2473	0.2113	-0.06875
848	-0.4182	9.90E-12	0.405	-0.5048	-0.5967	-0.1374	-0.2203	0.6083	0.1783
849	-0.4364	-0.6383	0.9167	-0.3031	-0.345	-0.1857	-0.1086	1.12E-10	0.04
850	0.1036	-0.3483	1.207	0.06687	0.485	-0.1557	-0.1986	0.13	3.58E-09
851	0.4211	-0.04078	-0.03578	-1.016	-0.6975	-0.9382	-0.6711	0.0075	-0.3525
852	0.8436	-0.9883	0.1467	-0.5931	0.165	-1.256	-1.099	0.05	-0.35
853	-1.058	-0.4495	0.8155	0.09562	0.8637	0.423	0.2902	0.4087	-0.1813
854	-0.7399	-0.2317	0.7333	-0.006562	0.7416	0.2509	0.208	0.1666	-0.3734
855	-0.0877	-0.8195	2.145	-0.6744	0.2337	0.253	-0.5898	0.9888	0.3288
856	0.4198	0.368	0.773	-0.1569	-0.08875	-0.3795	0.7677	0.6262	-0.1537
857	-0.5664	0.5217	0.3067	-1.133	-0.105	-0.5257	-1.109	0.7	0.28
858	0.03355	-0.2983	0.2467	-1.193	-0.405	-1.006	-1.369	0.35	-0.04
859	0.1017	-0.5302	0.9248	-0.805	0.04312	-0.1176	-0.8405	0.1881	-0.5919
860	0.7386	0.05672	0.6717	-0.03813	0.75	-0.4607	-0.1336	0.685	0.175
861	-1.031	0.1767	0.8717	-0.4181	-0.39	-0.4907	-0.1936	0.895	0.105
862	-0.2008	0.2973	0.8723	-1.527	-0.3294	-1.02	-1.183	0.7156	0.005625
863	0.1607	0.3189	1.284	-0.8059	-0.08781	-0.4085	-0.7014	0.5572	-0.03281
864	-0.2514	0.3967	0.4617	-0.2681	0.07	-0.3407	-0.3136	0.775	-0.125

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
865	-0.1254	0.4428		-0.532	-0.08391	-0.7246	-1.187	0.7011	0.04109
866	-0.4386	0.7995		-0.9453	0.08281	-0.4579	0.3492	0.9878	0.2678
867	0.1845	0.2527	1.068	-0.04219	0.3059	-0.5348	0.1523	-0.1691	0.3709
868	-0.03332	-0.02516	1.6	-0.9	-0.3519	-0.9726	-1.355	0.3131	0.1331
869	-0.4436	-0.6755	0.8795	-0.3103	-0.08219	-0.6029	-0.9658		0.3628
870	-0.3036	0.4645	1.06	-0.9203	-0.3622	-0.3629	-0.7458	0.4128	-0.4572
871	-0.4648	-0.006641	0.3784	-0.3315	0.1666	-0.1841	-0.02695	0.2216	-0.2784
872	0.1798	-0.152	1.473	0.2131	0.6112	0.4105	-0.3223	0.06625	0.04625
873	-0.04645	0.4917	1.687	0.01688	0.145	-0.6657	-0.4886	-0.02	-0.61
874	0.08301	0.6912		-0.4437	0.08445	-0.2063	-0.1791	0.9795	0.3095
875	1.781	0.1092		-0.9656	-0.0375	-0.8382	-1.421	-0.1925	-0.0325
876	0.8836	0.2517	0.3667	0.6469	1.105	-0.005703	1.211	0.18	-0.21
877	1.442	5.83E-13	1.315	0.8552	0.9133	-0.6274	0.1397	0.9683	-0.3717
878	1.674	-0.5383	1.597	0.8069	0.865	-0.2057	0.2614	0.77	-6.71E-09
879	-0.2527	-0.1845	0.5105	-0.6894	0.01875	0.768	1.005	-0.04625	0.7738
880	0.008359	0.2465	-0.8485	0.5317	0.6298	0.0191	0.5362	0.4748	0.1448
881	0.5561	-0.3558	1.109	0.7194	1.097	-0.2532	0.8439	0.4225	0.5025
882	0.8896	0.3778	0.5728	0.543	0.6311	0.4304		0.9761	0.04609
883	1.121	-0.1909	0.3341	0.6842	0.6923	-0.09836	0.7188	0.7373	-0.2227
884	0.3217	0.9498	-0.2852	0.435	0.3131	0.6924	1.32	0.7681	0.2181
885	0.09582	-0.646	1.289	-0.6209	-0.01273	-0.4734	-0.05633	0.5623	-0.3177
886	0.06465	0.7328	1.198	-0.912	-0.4639	-0.7846	-0.3675	0.4011	0.5111
887	-0.5439	0.1942		-0.8806	-0.2425	-0.8232		0.1625	0.1425
888	0.1923	0.3905	0.8355	0.4656	0.6637	-0.08695	-0.01984	0.4288	-0.1812
889	0.08715	0.1453	1.37	0.2405	0.4886	-0.07211	-0.335	0.3536	0.07359
890	0.2377	-0.004141	1.351	0.851	0.6891	0.07844	0.2155	0.3441	0.2041
891	0.6418	5.83E-13	0.695	0.02516	0.1233	-0.6674	-0.4903	0.2083	-0.2217
892	0.4625	0.7106	0.3456	-0.4842	-0.1261	-0.3568	-0.4297	0.2689	-0.5011
893	0.8359	-0.2459	1.339	0.4992	0.4573	-0.2934	-0.4963	0.7123	0.4023
894	-0.1439	-0.3358	1.059	0.6894	0.1775	-0.3832	-0.3861	-0.1175	-0.5775
895	-1.715	0.693	0.808	0.4381	0.9462	-0.8745	-0.6573	0.3913	-0.5087
896	-0.4012	-0.953	0.492	0.7821	1.13	0.6895	1.327	0.2452	0.7252
897	-0.1075	0.5006	0.8056	-0.1342	-0.1061	-0.2068	0.09031	0.8889	0.01891
898	-0.04535	-0.9372	1.478	-0.542	0.1161	-0.3246	0.2125	0.4811	0.7011
899	-0.2064	-0.5183	0.6567	0.1669	0.405	-0.2857	0.3314	0.49	0.37
900	0.1236	-0.08828	-0.01328		0.015	-1.576	-0.8186	0.67	-0.23

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
901	0.4221	0.3503	0.8553	-0.6645	-0.5564	-0.2271	-0.1	0.2486	-0.1214
902	0.5046	-0.2872	0.3278	0.258	0.5061	0.1154	0.9025	0.8811	-0.008906
903	0.0123	-0.3295	0.08547	0.3056	0.4137	0.493	1.3	0.2387	-0.1912
904	1.323	-0.4989	0.4361	0.3062	0.5544	0.3837	0.0007813	0.3294	-0.08062
905	0.03355	-0.3383	-0.2033	-0.7331	-0.605		-1.119	0.38	0.05
906	-0.1708	-0.8027	0.5523	-0.5375	-0.2894	-0.3901	-0.353	0.5456	0.005625
907	0.1154	-0.2764	0.4186	-0.4112	-0.2931	0.3362	-0.4467	0.1419	-0.2681
908	1.022	1.11E-11	-0.155	0.02516	0.09328	-0.1374	0.08969	0.3983	-0.1417
909	0.1717	0.7398	0.3748	-1.185	-1.057	0.1924	0.6495	1.238	0.2381
910		0.07797	0.633	1.043	1.121	0.2705	1.458	0.4062	0.6763
911		0.5476	0.2026	-0.5073	-0.9591	-1.19	-1.363		0.3259
912	-0.1089	1.039	-0.04578	-0.9556	-0.8575	-0.1782		0.5375	-0.2725
913	-0.2989	0.3692	0.3642	0.1344	0.0825	-1.088	-1.261	-0.3725	-1.352
914	2.774	-0.8783	1.797	-0.7531	-0.725	0.1243	-0.6286	-0.54	-0.14
915	2.181	0.2789		-0.9059	-0.7978		-0.04141	0.2872	-0.5528
916	0.3318	5.84E-13	0.155	-0.2148	-0.3367	0.2026	1.01	0.5083	-0.6817
917	0.1336	-0.4183	1.707	0.6869	0.795	0.5343	0.9214	0.29	0.22
918	0.6014	-0.2005	-0.7055	-1.375	-0.4972	-0.8679	0.1092	0.2178	-0.9622
919	0.4218	-5.80E-13	1.395	0.2652	0.4333	0.002578	0.7797	1.028	0.3583
920	-0.754	-0.05586	0.9591	0.3593	0.3274	0.006719	0.5038	0.08242	-0.08758
921	-0.1964	-1.118	0.7567	-1.353	-0.325	-1.576	-1.329	-1.1	0.01
922	-0.2807		0.4725	-0.5873	0.0007812			-1.914	0.7558
923	-0.1493	-1.601	0.8239	0.3541	0.8222	-0.1585	0.1586	-0.02281	0.2572
924	0.2195	-1.572	0.4827	0.01281	-0.02906	-0.2798	-1.103	-0.4341	0.5159
925	0.7757	-0.1261	0.2789	0.3691	0.2572	-0.7735	-0.3564	-0.2178	0.1822
926	0.5357	-0.7561	0.1489	0.03906	0.03719	-0.2335	-0.6764	0.1222	-1.008
927	-0.6016	0.1565	-0.7085	-1.058	-0.9302	-1.231	0.1862	-0.5052	-0.9452
928	0.3736	-0.2383	0.5967	-0.1131	-0.235	-0.3857	-0.1986	-0.37	0.01
929	-0.2764	0.4617	0.3667	-0.08313	0.055	-0.2957	0.2714	0.26	-0.09
930	1.384	0.01172	0.01672	-1.033	-0.865	-0.4757	0.2014	-0.03	0.03
931	1.356	-0.9158	0.9692	0.3294	0.5775	-0.5532	0.1939	0.0025	0.2225
932	-0.2971	-1.479	-1.134	0.1262	-0.2356	-1.066	-1.259	-1.271	-0.08062
933	-1.699	-1.021	-0.5359	-0.8457	-1.458	-1.008	-1.011		-0.0226
934	-0.3064	-0.6383	1.357	-0.8931	-0.105	-0.4657	0.2114	0.47	-0.59
935	0.07613	-1.066	0.0193	-0.8405	-0.4224	-0.6731	0.584	-1.337	-0.2274
936	-0.1377	-0.3895	0.06547	0.7356	0.5437	-0.947	-0.5298	-0.3013	-0.4313

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
937	-0.02504	-0.6669	-0.1319	0.7783	0.7464	-0.3143	-0.4172	-0.7086	-0.2786
938	-0.3349	-1.237	-0.1817	0.5984	0.3766	-0.2841	0.373	-0.6284	0.1216
939	-0.1314	-0.8133	-0.2183	0.5619	0.33	-0.2007	0.2164	-0.215	0.045
940	-0.5764	-0.7583	-0.2533	0.5969	0.505	0.5143	0.6814	-0.63	0.19
941	0.1236	-0.1383	-0.1833	0.6369	0.915	0.2143	0.6314		0.53
942	0.2715	0.06969	-0.09531	1.355	0.233	-0.05773	-0.8906	-0.862	-0.232
943	-0.7103	1.058	-0.09715	0.943	1.251	0.2204	0.4075	0.9861	0.5861
944	-1.065	0.4628	-0.4722	-0.782	-0.4739	0.6754	0.3925		0.4011
945	-0.1742	-0.696	-0.751	-0.5809	-0.5927	1.567	1.364	-0.6477	0.8923
946	-0.01645	-0.04828	-0.4433	-0.1831	-0.195	1.004	0.6814	-0.72	0.91
947	-2.806	-0.6583	-1.443	-0.06313	-1.005	-0.7057	1.141	-1.37	-0.73
948	-0.6614	-0.4233		-0.05812	-0.31	-0.6907	0.1364	-0.045	-0.305
949	-0.6464	-1.218	-1.203	1.137	-0.125	-0.5957	-0.8986	-0.87	0.46
950	-0.5554	-0.8372	-1.472	1.268	-0.003906	-0.07461	-0.5475	-0.9389	0.3811
951	-0.2304	0.3678	-0.1272	1.963	0.09109	0.0003906	0.0975	-0.04391	-0.1439
952	0.08355	-1.058	-0.01328	0.8569	0.645	0.0343	-0.06859	0.01	0.52
953	0.2779	-1.044	-0.2589		0.4294	-0.1913	-0.07422	-0.9756	0.04437
954	0.6786	-0.4733	-1.138	1.792	0.19	0.2893	0.6164	-0.195	0.735
955	-0.1414	-0.2533	-0.2883	1.662	-0.71	0.1393	0.6764	-1.045	-0.395
956	0.4036	0.3417	-0.2133	0.04688	-0.055	0.2543	0.8114	9.78E-11	-0.03
957	-1.339	-0.7011		0.8141	0.2322	-0.5885	-0.7814	-1.163	-0.1928
958	-0.7404	-1.022	-0.4372	1.203	0.5711	0.0003906	-0.6425	-0.8139	-0.5139
959	-0.4302	-0.872	-0.267	1.233	0.5812	0.02055	-0.2623	-0.8538	-0.4737
960	-0.9705	-1.522	-0.3273	1.763	1.111	-0.4098	-0.4827	-1.614	-0.1241
961	-0.5764	-1.928		2.187	0.905	-0.3157	-0.5486	-1.71	-0.15
962	-0.09113	-0.543	-0.188	0.7922	0.5603	-0.0003906	-0.1833	-0.4847	-0.4147
963	-0.5797	-0.4916	-0.4166	0.9836	0.04172	-0.549	-0.5119	-0.5933	-1.333
964	-0.4135	-1.175		0.7398	0.168	-0.6127	0.3444	-0.727	-0.497
965	-1.295	0.183	-1.792	0.6581	0.8362	0.7555	-0.4073	-0.9387	-0.2687
966	-0.7671	-0.7689	-0.6439	0.03625	-0.5456	0.7337	0.0007813	-0.5206	-1.241
967	-0.3964	-0.7483	-0.3233	0.2469	-0.325	-0.0357	0.08141	-0.83	-0.79
968	-0.5131	-0.4049	-0.2799	-0.2398	-0.7516	0.08766	-0.1552	-0.5566	-0.7766
969	-0.9208	-1.593	-0.2677	0.9725	0.2606	-0.1301	-0.333	-0.8844	-0.5244
970	-0.9006	-1.302	-0.09742	0.8627	0.1809	-0.06984	-0.5927	-0.7441	-0.1841
971	-0.8725	-0.4644	0.000625	-0.09922	-0.1511	0.4682	-0.1447	-0.2561	-1.236
972	-1.902	-0.9534	-0.1584	-0.1682	-0.2501	0.4492	-0.1437	-0.7751	-0.9351

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
973	-1.257	-0.7493	0.09574	-0.2941	-0.296	0.1033	-0.2296	-0.861	-0.601
974	0.07871	0.4069	-2.078	-0.03797	0.2702	0.7495	0.4466	-0.4548	0.1152
975	0.6036	-0.6983	-0.2333	1.227	1.665	0.9243	1.701	-0.13	0.61
976	-0.2814	-0.03328	-0.6883	0.4619	0.66	0.7093	0.7064	-0.615	0.525
977	0.1023	-0.6895	-0.3045	0.8156	0.9737	0.323	0.8802	-0.6113	-0.2212
978	-0.5138	-0.01562	-0.6406		0.4077	-0.313	0.9841	-1.147	-0.2173
979	0.06855	0.2467	-0.1483	-0.1981	-0.15	-0.0207	0.6664	-1.025	1.325
980	0.1904		-0.9664	1.224	0.8919	-0.4588	-0.2217	-1.223	-0.06312
981	0.2636	-0.1283	-0.01328	-0.07312	0.045	-0.9957	-1.109	-0.27	-0.01
982	0.6028	-0.139	1.046	0.5861	0.03426	-0.1264	-0.2693	-1.261	-0.06074
983	0.09355	0.06172	0.3167	0.4369	0.515	-0.0657	0.1914	0.71	0.06
984	-0.07051	0.2077	0.7027	0.2328	-0.04906	-0.3298	-0.7327	-0.3441	0.02594
985	0.3051	1.023	0.2783	-0.01156	-0.5034	0.2959	-0.867	0.5316	-0.6184
986	-0.7906	-0.05242	0.6026	0.3527	0.1509	0.0001562	0.02727	-0.3441	-0.5541
987	-1.124	-0.1258	0.6492	0.7294	0.4575	0.2568	-0.2961	-0.4275	-0.1675
988	-0.03145	-0.3133	0.1717	-0.1181	0.02	-0.4607	-0.4236	-0.655	-0.035
989	-0.1764	0.08172	0.7667	0.8669	0.705	0.8443	1.431	0.9	-0.49
990	0.2161	-0.7158	0.9992	-0.4506	-0.4825	0.6768	-0.2261	0.2025	0.3225
991	0.3749	-0.307	0.338	-0.8018	-0.5437		-0.1773	0.5913	-0.09869
992	-0.2618	-0.1036	0.5814	0.1216	-0.1203	-0.181	-0.003906	-0.1053	-0.6453
993	-0.3152	0.333	-0.652	-0.3419	-0.4938	-0.3345	-0.05734	-0.08875	0.2413
994	0.02355	-0.5483	0.2367	-0.2031	-0.325	-0.1357	-0.5986	0.59	0.16
995	-0.07145	1.357	0.2317	0.04188	0.03	1.039	1.446	0.375	-0.605
996	-0.6739	-0.6358	1.139	-0.6806	-0.5825	-0.5232	-0.4161	-0.3675	0.9325
997	-0.4485	1.19	-0.03531	-0.09516	-0.267	-0.5577	-0.8206	0.478	-0.152
998	0.3336	-0.1183	-1.213	0.01688	-0.175	-0.0857	0.2814	-0.72	-0.59
999	-0.1908	-1.183	-0.2777	-0.0075	-0.3294	-0.2301	-0.233	-1.224	-0.3744
1000	0.02355	-0.4783	0.4867	0.4469	0.575	-0.3757	0.3914	0.36	-0.26
1001	-0.2316	-0.1035	-0.1685	-0.1983	-0.1102	0.0991	-0.3538	0.0848	-0.1452
1002	-0.3763	-1.358	-0.03313	0.137	-0.3448	0.09445	-0.1384	-1.6	-0.8098
1003	-0.7523	-1.564	-1.209	0.531	0.009141	-0.3916	-0.4245	-0.6559	-0.5359
1004	-0.7914	-0.7033		0.3619	-0.35	-0.1207	-0.05359	-0.435	-0.685
1005	-0.6468	-0.8686		0.06656	-0.5653	-0.116	0.02109		0.2497
1006	-0.5664	-1.628	-0.5133	0.4869	-0.555	0.2343	0.2114	-0.27	-0.37
1007	-0.2264	-0.1983	-0.5633	1.127	0.745	0.1443	0.2614		0.28
1008	-0.5039	-0.2758	-0.7908	0.8194	0.8975	0.3768	0.5039	-0.5875	-0.0375

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1009	-0.3839	0.09422	-1.001	1.039	0.8575	0.2368	-0.006094	-0.1475	-0.5375
1010	0.2961	0.2142	-0.9408	0.2394	0.2375	1.117	-0.2361	-0.1075	-0.2375
1011	0.1836	0.04172	0.4067	0.6469	0.215	0.0343	0.03141	-0.3	0.24
1012	-0.4164	-0.1483	-1.373	0.3969	0.105	0.6243	0.4814	0.06	-0.44
1013	-1.012	-1.494		0.6014	0.1895	-0.07117	0.3259	-1.235	-0.03547
1014	-0.1663	-0.5181	0.4769	-0.05297	0.4652	-0.1255	0.09156	0.7402	0.05016
1015	-1.197	-0.3089	0.4061	-0.1337	-0.2556	0.1637	-0.6592	-0.2206	0.1394
1016	-0.5889	0.8493	0.5043	-0.1755	0.01258	-0.2481	-0.01102	0.4976	-0.4224
1017	-0.3264		0.4367	0.1269	0.155	-0.2357	0.03141	6.99E-11	-0.28
1018	0.1936	-0.2783	-0.03328	1.057	1.235	-0.1357	0.5014	0.47	0.04
1019	1.493	-0.3191	1.196	0.2861	0.05418	-0.04652	0.6306	0.1392	0.7092
1020	0.8736	0.1817	1.117	0.05688	0.235	-0.6057	0.03141	6.99E-11	0.3
1021	0.6276	0.4458	0.5808	-0.04906	-0.02094	-0.2216	0.1955	0.5841	0.2241
1022	0.7936	0.4617	1.397	0.5669	0.075	-0.2457	-0.6086	1.31	0.54
1023	-0.02645	0.7117	0.05672	-0.8531	-0.405	0.2943	-0.08859	1.92	0.4
1024	0.05934	0.6175	-0.6375	0.5127	0.0007812	0.1801	-0.3128	0.4358	0.02578
1025	-0.2814	0.5367	-0.1483	-0.8881	-1.06	-0.2007	-0.06359	0.125	-0.025
1026	-1.226	-1.078	-0.1331	0.377	-0.01484	-0.2355	-0.5284	-0.7298	-0.4798
1027	0.08793	0.6661	-0.8689	-0.1888	-0.4406	-0.4513	-1.644	1.574	-0.9456
1028	0.1915	0.2797	0.2447	0.2548	0.153	-0.007734	-0.3506	0.108	-0.452
1029	-0.3164	-0.7983	1.937	0.3769	0.525	0.8143	1.661	0.06	0.48
1030	0.1264	-1.615	-0.1504	0.07977	-0.002109	0.09719		-0.9571	0.3429
1031	-0.8333	-0.4852	-0.5302	0.88	0.6781	0.1474	0.2645	-0.6369	-0.2669
1032		-0.2183	0.7167	0.006875	-0.485	0.2943	-0.5886	-0.87	0.33
1033	-0.07305	-0.8949	0.2201	0.2803	0.3384	-0.2323	0.0948	-0.0466	-0.0366
1034	-0.3313	0.5769	-0.03813	0.112	-0.08984	0.03945	0.6166	0.6052	-0.03484
1035	-0.2364	-0.1583	-0.05328	0.5269	0.275	-0.0257	-0.04859	5.59E-11	-0.3
1036	-0.4904	-1.702	-0.6672	0.163	-0.2789	0.0003906	-0.1325	-0.5139	0.4361
1037	-0.08707	-1.569	-0.7939	0.2062	-0.2756	-0.2063	0.0007813	-0.5306	0.6594
1038	0.1552	-1.337	0.9184	-0.1315	-0.4634	0.2159	0.883	-0.8584	-0.09836
1039	0.9636	-1.658	-0.1833	1.117	1.415	-0.1557	0.8614	-0.05	-0.09
1040	-0.8589	-0.5608		0.6144	0.1925	-0.4282	-0.2411	-5.102	-0.6625
1041	-0.2914	-1.023	-0.5083	-0.6581	-0.68	-0.4007	-0.1836	-0.765	-0.435
1042	-0.03895		-0.01578	-0.01562	-0.1275	0.3518	-0.2311	0.8075	0.1075
1043	-0.5629	0.09523	0.0002344	0.0003906	-0.1715	-0.1322	-0.2551	0.08352	-0.3965
1044	-0.1864	-1.208	-0.5533	0.9469	0.585	0.1243	0.1514	-0.91	0.05

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1045	-0.2339	-1.346	-0.5008	0.8294	0.6175	0.0168	0.2439	0.0125	-0.9575
1046	0.1666	-2.195	-0.1102	1.01	0.508	0.007344	-0.7955	-1.547	-0.317
1047	0.1963	-0.8655	-0.4405	1.13	0.5277	0.557	-0.4959	-1.067	-0.1373
1048	0.0241	-1.638	-0.04273	1.327	0.7955	-0.2452	-0.108	-0.9995	0.1605
1049	-0.3607	-1.063	0.4825	0.06262	-0.2293	-0.16	-0.9129	-1.204	-0.1043
1050	-0.7137	-0.5555	0.08945	0.5196	0.6677	-0.223	-0.2559	-0.1973	0.1727
1051	-0.1721	-0.7739	0.2311	0.9412	0.4894	0.6887	-0.1442	-0.2756	0.4744
1052	-0.3481	-0.3799	-0.8949	0.01523	0.1434	-0.5173	-0.1502	-0.3816	-0.6816
1053	-0.3414	-0.1633	-0.7183	0.6219	0.31	-0.1007	-0.2836	0.105	-0.765
1054	-0.3198	0.0384	-0.3466	0.6436	0.4717	-0.449	-0.3619	-0.04332	-0.7833
1055	-0.6252	-0.577	0.418	-0.05187	-0.3438	0.3755	-0.4773	-0.5287	0.1013
1056	-0.3047	-0.1966		0.5786	0.4867	-0.264	-0.5569	-1.318	-0.2283
1057	-0.02895		-0.4458	0.3144	0.0225	0.1518	-0.9311	-0.7225	0.3075
1058	-0.0102	-0.622	-0.467	0.2731	-0.03875	0.06055	-0.5223	-1.414	-0.3537
1059	-0.006445	-0.8383	0.1067	1.337	1.015	0.2343	-0.2586	-0.15	-0.38
1060	0.1839	-2.208	-0.05297	0.1672	0.2653	-0.08539	-0.05828	-1.02	-0.2497
1061	-0.1033	0.2348	-0.8402	1.24	0.7181	0.3374	-0.2155	-0.4269	-0.5769
1062	-0.6771	-0.1389		-0.02375	0.1544	0.01367	-0.05922	-0.4606	-0.000625
1063	-0.6864	0.5217		1.167	0.495	-0.0857	-0.3586	0.21	-0.18
1064	-0.2214	-0.5833	-0.3983	1.072	0.88	-0.4407	-0.8036	-0.665	-0.075
1065	-0.06645	-1.778	0.01672	1.107	0.815	-0.4457	-0.7586	-0.74	0
1066	-0.2321	-1.224	-0.2989		0.7194	-0.09133	-0.4042	-0.8956	-0.2056
1067	-0.2943	-1.196	-0.7112	-0.03102	-0.09289	-0.4536	-0.3365	-1.388	-0.1479
1068	-0.2308		-0.4677	0.3125	0.1006	0.3099	-0.513	-0.7444	-0.2844
1069	-1.106	-0.2483	-0.2033	0.2669	0.105	-0.2657	-0.3186	-1.08	-0.56
1070	0.1429	-0.2189	0.2461	-0.1438	-0.2156	-0.7763	-1.019	-0.4406	-0.3106
1071	-0.9314	-0.4533	0.1917	-0.2481	-0.62	-0.5907	-0.5036	0.035	-0.345
1072	-0.4025	0.1457	-0.5193	-0.3691	-0.191		-1.145		-0.536
1073	-0.1802	0.198	-0.03703	0.3231	0.1312	0.09055	-1.022	-0.00375	-0.04375
1074	0.7309	0.4391	-0.06594		0.5623	-0.6484	-0.4112	0.8873	0.03734
1075	0.3995	-0.4123	0.7427	0.3829	0.251	0.0002734	-0.07262	0.09598	0.03598
1076	-0.9943	-0.3161	-0.7311	0.2191	-0.1928	-0.6035	-0.8864	-0.5178	-0.1678
1077	0.8173	-1.655	0.8505	0.5906	0.5687	-0.222	-0.3148	-1.146	0.03375
1078	-0.08895	-0.4008	0.9342	1.234	0.8825	-0.7282	0.06891	0.3875	0.9675
1079	0.3805	-0.2414	0.9836	0.8738	0.9919	0.4512	1.358	0.6169	-0.1031
1080	-1.945	-1.417		0.348	0.2161	-1.005	-1.127		-0.4589

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1081	-0.3486	-1.88	-0.2354	0.03473	-0.4371	-0.2179	-0.4507	-0.7821	-0.07215
1082	-0.3764	-1.638	1.117	0.1669	0.305	0.2843	0.4414	-0.25	-0.09
1083	0.2264	-1.295	0.3895	-0.07031	0.1978	-0.9029	-0.2658	-0.7172	0.04281
1084	-0.2989	1.149	1.564	1.064	0.8225	-0.4382	-0.6111	1.158	-1.012
1085	-0.4533	0.6848	1.74	0	-0.1219	1.497	1.275	1.293	-0.1669
1086	-0.6039	1.604	0.7992	-0.02062	-0.2125	0.0668	0.4039	1.303	0.6325
1087	-1.156	-2.518	0.3267	-0.3631	0.115	-0.5457	-0.4286	-1.34	-0.26
1088	-1.779	-1.25	-0.8655	-0.4153	-0.5172		-0.7408	-2.462	-0.8122
1089	-0.8203	-1.362	-1.427	-1.057	-0.8988	-0.9795	-1.732	-1.544	-0.5438
1090	0.4136	-1.168	-0.6733	0.2869	0.135	-0.2457	-0.1886	-0.78	-0.08
1091	-0.6864	-0.2283	-0.7133	0.2469	0.495	0.4343	0.08141	-0.88	-0.9
1092	0.1336	-0.7783	-0.5933	-0.02312	0.035	0.0443	-0.4286	-1.38	-0.06
1093	0.0008984			-0.005781	0.01234	-1.088			-0.02266
1094		-0.5471	-0.4121	-0.422	-0.1138	-0.4945	-0.1774	0.6912	-0.3088
1095	0.02918	-0.4227	-0.4877	-0.5975	-0.1894	-0.4701	-0.373	0.2756	-0.4644
1096		-1.107	-0.432	-0.7419	-0.4338	0.1155			-0.6887
1097	0.1636	-0.6783	0.2967	-0.6531	-0.625	-0.5757	-0.4786	-0.13	-0.14
1098	-0.02426	-0.6761	0.3189	-0.1109	-0.1828	-0.01352	-0.9664	0.1722	-0.2778
1099	0.2269	-0.8449	-0.9899	-0.5098	-0.6316	-0.6523	-0.9752	0.01336	-0.5466
1100	0.3486	0.3867	-0.2583	-0.4781	-0.45	-1.041	-0.2836	-0.515	-0.135
1101	0.9786	0.7167	-0.09828	0.7919	0.69	0.4393	0.5764	0.855	0.405
1102	-0.7493	0.7689	0.1639		0.08219	0.1215	-0.3914	-0.2028	-0.09281
1103	-1.646	-0.3383		-0.5831	-0.475	-1.166	-1.239	-1.26	-0.59
1104	-0.7868	-1.319	-0.1036	0.3065	0.6746	0.2339	-0.02895	-0.7704	0.4696
1105	-0.254	0.3341		0.3093	0.2074	0.2367	0.2838	-0.5276	0.8424
1106	0.763	-0.2988	-0.4138	0.006328	-0.005547	-0.7063	0.4909	0.1595	-0.4405
1107	-0.4414	-1.143	0.4517	0.3019	0.18	-0.1907	-0.6536	-0.885	0.265
1108	0.2717	-1.18	0.1648	-0.335	-0.7469	0.2724	-0.09047	-0.8819	-0.05187
1109	0.3136	-0.1683	0.9467	1.077	0.495	-0.6057	0.3814	-0.32	-0.51
1110	0.7736	-0.5083	-0.3833	0.6369	0.795	-0.4057	0.09141	-0.01	0.43
1111	0.4796	0.3078	0.3528	0.133	0.1911	0.0003906	0.1275	0.1161	0.3961
1112	-1.094	0.7739	1.039	0.7191	0.6672	0.1665	-0.6564	-0.06781	0.6322
1113	-0.6389	-1.101	0.8542	-0.1156	0.0625		0.3089	0.1075	-0.2025
1114	-0.5459	-1.598	0.8973	0.04742	0.07555	0.04484	0.562	-0.02945	-0.5395
1115	0.0541	-1.118	0.2673	0.8274	1.156	0.5248	0.792	0.4505	0.6305
1116	0.5015	-0.4503	-0.2953	0.7948	0.663	-0.07773	1.059	0.388	-0.222

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1117	1.42	-0.6921	0.3029	-0.307	0.3311	0.3204	1.098	0.7761	0.4961
1118	0.5164	-0.8355	-0.2705	0.1397	-0.01219	-0.3429	-0.2058	-0.6472	-0.3472
1119	0.7661	-0.9858	1.339	-0.8706	-0.5525	0.4668	0.2539	-0.1775	0.1125
1120	0.3436	-0.8683	1.127	0.7569	0.935	-0.1157	-0.2586	0.24	0.51
1121	0.5464	-0.8554		0.4998	0.5279	0.1372	0.1243	-1.137	0.4429
1122	-0.1414	-1.763	0.3117	0.5619	0.62	0.2693	0.4064	-1.765	0.395
1123	1.202	-0.9697	0.4753	0.1655	0.6336	0.1129	-0.64	-0.4214	0.6386
1124	1.586	-1.936	0.1491	0.03922		-0.7434	-1.366	-0.5177	0.3823
1125	0.8639	-0.578	0.637		0.7353	0.4646	0.4817	0.8203	0.08031
1126	1.019	-0.7523	1.833	0.04281	0.1909	-0.1298	-0.6727	-0.4141	0.3959
1127	0.4044	-1.577	0.5376	0.8677	0.9859	0.2052	0.5523	0.6309	0.04086
1128	1.462	-0.9995	0.7855	1.146	1.184	0.123	0.4602	0.1187	0.2387
1129	0.6796	-1.392	0.4628	1.073	1.001	0.0003906	-0.1525	-0.05391	0.08609
1130	1.149	-1.493	0.3317	0.5319	0.41	-0.2207	-0.2736	-0.595	0.655
1131	0.2292	-0.4827	0.7823	0.6825	0.8306	-0.5901	0.637	-0.9044	
1132	0.09355	-0.3583	0.7567	0.6369	0.805	-0.3257	0.09141	0.44	-0.28
1133	0.6734	-0.6884	0.4666	1.127	1.105	-0.1458	-0.1487	0.5899	0.8299
1134	0.5542	-0.5277	0.5573	1.018	1.006	-0.2451	-0.438	0.7606	0.7106
1135	0.5729	-1.099	1.246	1.166	1.104	0.5036	-0.0393	-0.0307	0.6493
1136	-0.1943	-0.9961	0.3489	0.5391	0.7672	0.02648	0.8636	-0.1178	0.4022
1137	-0.006445		-0.1433	1.117	1.225	-0.0257	0.7714	0.29	0.52
1138	0.8721	-1.51	0.8453	0.9655	1.114	-0.1071	-2.33E-12	-0.1014	0.3486
1139	0.3557	-1.056	0.3489	0.9191	0.8472	0.4365	0.8336	-0.3378	0.7322
1140	0.3682	-0.9236	0.5114	1.232	1.28	-0.141	0.006094	-0.2653	0.5147
1141	1.051	-0.4509	0.1041	0.9342	1.132	0.7016	0.1588	0.02734	0.6673
1142	0.6461	-1.366	0.7392	0.9994	1.157	-0.1732	0.5539	-0.5275	0.6625
1143	1.016	-1.486	0.3992	0.7294	0.7875	0.2168	0.7239	-0.6375	0.0825
1144	1.219	-1.423	0.3317	0.5619		-0.2707	0.5364	-0.235	0.305
1145	0.1036	-0.3483	0.7367	1.017	0.905	-0.3957	0.3614	0.33	-0.06
1146	1.074	-0.368	0.657	1.137	0.9853	0.4546	0.5017	-0.2697	0.04031
1147	1.434	-0.4983		0.4969	0.605	0.1243	0.2914	-0.72	0.16
1148	0.09855	-1.063	0.7717	1.572	1.49	0.6093	0.8564	0.515	-0.125
1149	1.764	-0.8283	0.9767	0.1969	0.095	-0.005703	0.2214	0.14	0.1
1150	0.4787	0.01687	2.482	1.672	1.32	0.4095	0.1366	0.6152	1.335
1151	0.4936	-1.168	0.6867	0.2469	0.435	0.5743	0.9414	-0.97	-0.28
1152	1.273	-1.709	2.766	1.116	0.6444	-0.7563	0.4408	-0.3706	0.8494

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1153	1.087	-2.005	2.45	0	0.8981	0.02742	1.065	-1.027	0.3131
1154	0.6301	-0.9017	0.2333	0.003437	0.2716	-0.1091	-0.07203	0.4366	0.3966
1155	0.0698	0.218	0.473	-0.01687	-0.1388	0.1705	0.1777	0.3562	0.1963
1156	0.9586	-0.06328	0.2217	0.2819	0.06	-0.5607	1.036	0.145	0.195
1157	0.7886	-1.093	0.9117	0.4619	0.37	-0.3207	0.04641	-0.455	-0.105
1158	1.055	-0.577	0.478	0.5681	0.3562	-0.1645	0.01266	-0.1187	0.2513
1159	0.2936	-1.178	2.107	0.9769	1.105	1.104	1.831	-0.19	-0.35
1160	0.4736	-0.7383	0.2967	0.3169	0.415	0.6943	0.2114	0.78	0.29
1161	0.7623	-0.3995	0.3955	1.836	1.844	0.633	0.8302	0.5687	0.4587
1162	0.0298	-0.842	0.523	0.01313	0.3012	-0.08945	0.1377	-0.4238	0.5163
1163	-0.5664	-1.198	-0.3133	1.627	1.245	0.4543	0.3314	-0.33	-1.36
1164	0.6146	-1.747	0.6578	1.048	0.8761	0.05539	-0.6475	-0.6489	-0.4789
1165	-0.7262	-0.238	-1.603	0.7871	0.3452	0.004531	0.2116		0.01023
1166	0.6998	-1.522	0.383	2.093	2.521	3.921	3.678	-1.444	-0.02375
1167	2.284	0.4517	0.04672	2.427	2.455	0.8043	1.961	-0.73	-0.29
1168	2.082	0.08047	0.4255	2.366	2.574	0.503	1.66	-0.8912	-0.06125
1169	2.271	-0.7708	-0.1458	0.3544	-0.7175	1.322	1.449	-0.0525	0.3575
1170	0.3136	0.6017	-0.003281	-0.2231	-0.515	-0.8757	-0.7786	-2.01	0.03
1171	0.2236	-1.308	0.4267	0.1369	0.165	-0.3057	-0.3786	0.35	0.2
1172	0.7329	-2.209	3.656	-0.2838	-0.4857	-0.2164	-1.039	-0.3507	1.139
1173	-0.6514	1.907	0.3017	-0.09812	0.14	-0.0707	0.2264	0.215	-0.035
1174	0.4736	-0.2583	2.957	0.01688	-0.075	0.1143	-0.2686	0.28	1.13
1175	-1.184	0.06457	0.2996	0.2897	0.06785	1.727		0.4629	0.4929
1176	-0.1433	1.555	1.38	-0.14	-0.7119	0.2474	-0.3055	0.8431	1.473
1177	1.296	1.094	0.6089	0.2691	0.6172	0.6665	0.1236	1.602	-0.5078
1178	-0.6543	-0.7662	0.03883	-0.211	-0.6429	-0.4936	-1.176	0.7021	-0.5879
1179	-0.6043	1.504	-0.01109	-0.4809	-0.3328	-0.2635	-0.5464	1.742	-0.6378
1180	-0.1222	0.3059	0.3309		0.03922	-0.3515	-0.1544	-0.1758	1.034
1181	-1.327	-0.3089	0.2361	1.246	0.3844	1.134		-0.1506	-0.8006
1182	-0.4997	-1.222	-0.02656	-1.716	-0.9583	0.861	0.5581	-1.563	0.1067
1183	0.5207	-1.571	0.06391	0.4741	0.8222	0.5615	0.9986	-0.3028	0.1272
1184	-0.09645	1.032	-0.3733	-1.123	-0.625	0.2943	1.191	0.15	-0.54
1185	0.4667	0.7448	-1.01	0	0.3881	0.5674	0.4145	0.1431	0.1931
1186	0.4061	2.524	-0.5608	-0.5306	-0.0025	-0.3132	-0.5061	1.202	0.6425
1187	0.06355	2.102	-0.4833	-0.4931	0.015	-0.5857	-0.1586	0.71	0.57
1188	0.7936	0.8117	-0.3433	1.897	2.285	0.1043	0.9914	-0.29	-0.16

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1189	0.7564	-0.4055	-1.64	1.52	1.818	0.9171	1.974	-1.987	1.443
1190	0.0008984	-1.081	-1.156	0.6242	0.2723	0.7216	1.339	-0.8427	-0.05266
1191	-0.6208	-0.9427	-0.007656	0.5025	0.5506	1.62	1.017	-0.3644	0.3756
1192	1.054	-2.257	0.3577	1.048	1.456	1.435	1.892	-0.4691	0.3309
1193	-0.3925	-1.494	0.000625	0.8908	0.4789	1.488	0.9153	-0.09609	0.6239
1194	-0.1964	-1.218	-0.003281	0.5669	0.735	1.124	1.481	0.07	0.1
1195	-1.002	-1.244	-0.2289	0.4113	0.6494	1.259	0.2058	-0.9256	0.6244
1196	0.5395	0.1377	0.8227	0.1528	0.4209	0.9402	1.577	-0.5241	-0.1941
1197	-0.1114	0.1967	-0.7983	0.5419	1.05	1.119	1.716	-0.215	0.275
1198	-0.08863	0.4495	0.2545	-0.1253	0.2628	0.8821	1.449	0.2478	0.5378
1199	0.6136	0.1217	-1.023	-0.06313	-0.065	0.6743	0.9914	-0.42	-0.06
1200	-0.6223	0.005859	0.8209	0.241	0.3191	0.8884	1.236	-0.7759	0.4741
1201	-0.001445	1.187	0.09172	0.2919	0.84	1.069	2.526	-0.505	0.435
1202	-0.4206	0.5976	0.5126	0.2127	0.4609	0.5802	0.9673	-0.1941	0.2259
1203	-0.1364	-2.388	-0.9033	0.6669	0.925	1.424	0.9214	-1.19	1.46
1204	1.151	0.4892	-0.7558	0.2244	1.142	1.482	3.749	-0.6625	-0.3025
1205	0.8127	0.02086	0.6259	1.136	1.874	1.653	3.101	0.2591	1.399
1206	0.8018	5.84E-13	0.705	0.4752	0.3533	0.5026	1.11	-0.5217	-0.04172
1207	0.3933	0.3315	0.05648	0.6466	0.9248	0.3841	1.331	-0.1502	0.1598
1208	0.5536	-0.1983	-0.7533	0.5269	0.775	0.5643	1.521	-1.56	0.39
1209	0.7386	0.06672	-0.5283	1.352	1.76	1.999	2.206	-0.425	0.845
1210	0.1518	5.84E-13	-0.615	0.7852	1.423	1.023	1.96	-0.6317	0.5583
1211	0.294	0.3121	-0.06285	1.057	0.8154	0.9347	1.622	0.1604	1.28
1212	0.2487	0.8369		0.642	0.4702	0.1295	1.457	-0.3348	1.115
1213	-0.02082	1.007	-0.5977	0.8325	1.131	0.5599	1.947	0.2256	1.486
1214	0.6936	-1.258	0.3767	0.8269	0.935	1.124	1.531	-0.77	0.52
1215	0.7236	-1.108	0.2067	0.8669	1.195	0.5143	1.111	-1.09	0.32
1216	0.7646	-1.337	0.2678	0.988	1.236	0.9254	1.183	-1.199	0.5311
1217	0.1147	-0.6071	0.04785	0.558	0.7461	0.5554	1.253	-0.5589	0.3011
1218	0.3861	-0.7358	0.2792	-0.3006	0.2375	0.9468	1.434	-0.4175	-0.0575
1219	0.1569	-0.7049	0.2401	1.23	1.768	2.028	2.875	-0.9166	-0.2966
1220	1.549	-0.4531	0.9519	0.312	1.2	0.8795	1.277	-0.6748	0.04516
1221	1.179	-0.7827	-0.06766	0.2125		-0.1901	0.287	-0.3344	-0.7644
1222	0.05387	-0.808	0.617	0.02719	0.3253	1.235	1.892	-0.1597	-0.2397
1223	-0.6664	0.09172	-0.2533		-0.645	1.334	1.491	0.02	-0.66
1224	0.5858	-0.456	0.479	0.02914	0.4673	0.3466	1.344	-0.2577	0.02227

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1225	1.179	0.2373	-0.3177	-0.0375	0.1506	-0.4801	0.657	0.6756	0.2156
1226	0.5895	-0.5923	-0.4973	-0.3272	-0.04906	0.05023	0.06734	-0.5941	-0.3341
1227	0.336	-1.266	-1.731	-1.531	-1.153	0.0267	0.1838		-1.358
1228	-0.3364		-0.8733	0.2969	-0.055	0.9043	1.251		-0.08
1229	-1.208	0.1401	-0.4249	-0.5348	-0.1566	-0.05734		-0.4316	-0.4516
1230	0.1618	5.83E-13	-1.395	0.7452	0.2333	1.283	0.8297	-1.072	1.238
1231	0.6504	-0.1014	-1.346	1.004	0.7019	1.111	0.9283	-0.8431	1.077
1232	0.7229	-0.469	-0.754	1.076	1.004	1.234	1.011	-0.5807	1.229
1233	-1.006	0.5017	-1.303	0.7469	0.785	0.0443	0.3714	0.12	-0.24
1234	-0.4364	-0.2283	-1.553	2.077	2.325	-1.156	0.4214	2.16	-0.85
1235	0.005039	0.8232	-0.6418	0.4884	0.3665	2.006	-0.3371	0.8015	-0.1785
1236	-0.155	1.353	-0.01188	0.6183	0.8764	0.4557	0.7528	1.571	0.5614
1237	0.05355	-0.7983	0.1167	-0.06313	1.165	0.3643	0.2714	-0.29	5.59E-11
1238	0.3636	-0.4183	-0.1033	-0.1931	-0.165	0.0243	0.5214	0.25	-0.92
1239	0.2551	0.04328	1.488	0.03844	0.1766	-1.054	-0.697	-0.4384	-0.2684
1240	1.064	-1.508	-0.1131	-0.203	0.005156	-0.4055	-0.6184	-0.9598	0.1502
1241	1.114	2.922	0.1767		-0.385	1.884	4.011	0.22	0.42
1242	1.326	0.04422	0.9792	0.5894	0.6175	-0.3032	-0.7861	0.7025	0.2925
1243	0.4643	2.423	-0.2925	-1.142	-1.054	-0.7149	-1.378	-0.9092	0.4508
1244	0.6467	0.4748	0.7398	0	-0.2919	0.2274	0.1445	-0.1169	-0.2469
1245	1.226	-1.576	-0.9405	-0.7704	-0.9223	-0.143	-0.2659	-1.317	-0.6673
1246	-1.316	0.9417		-1.463	-1.325	-0.5357	-2.079	-1.39	0
1247	-1.286	0.2417	-1.573	-1.633	-1.605	-0.9357	-2.029	-1.01	-1.32
1248	-1.826	-1.888	-0.6833	-1.913	-1.915	-0.3357	-0.7886	-1.68	-2.01
1249	0.7736	-0.6083	-1.063	-0.2931	-0.465	-0.5057	-0.3186		-0.68
1250	-0.7885	-0.08031	-1.235	-1.305	-1.587	-1.148	-0.9306	0.06797	-0.642
1251	-0.1832	0.155	-0.33	-0.3699	-0.2418	-0.08246	0.1346	0.2232	-0.1568
1252	-0.1764	0.5217	0.4967	-0.3431	-0.165	0.0643	0.3114	0.55	0
1253	-0.03145	-0.1433	-0.5683	-0.6181	-0.63	-0.6207	-0.8036	-0.145	-0.265
1254	0.1736	-0.04828	-0.2633	-0.6831	-0.365	0.6843	0.001406	0.77	-1.3
1255	-1.692	0.5466	-0.7684	-0.9382	-1.09	-0.1608	0.7163	-0.7151	-0.5351
1256	-0.5564	-0.1983	-0.5633	0.09688	-0.445	-0.3257	0.2314	-0.24	-0.09
1257	-0.7064	0.3617	-0.1533	-0.1131	-1.045	-0.6357	-1.359	0.48	-0.11
1258	-0.2433	1.165	-0.1702	-0.01	-0.1319	-0.3226	-0.7155	-0.08687	0.1031
1259	-0.3397	-0.4516	-0.6566	-0.9464	-0.9783	-0.409		-0.5033	-0.5033
1260	4.248	0.8365	-0.4285	-1.058	-1.37	-0.8509	-0.05379	-0.5752	

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Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1261	0.1686	0.5767	-0.1583	-0.01812	-0.09	0.009297	0.4764		0.715
1262	1.262	0.3197	0.2547	-1.505	-1.797	-1.578	-1.161	0.08801	4.068
1263	1.034	-0.3283	0.01672	-0.6531	-0.555	-0.8757	-1.459	-0.79	0.69
1264	-0.3789	-0.7508	0.2842	-0.2456	-0.0475	-0.4182	-1.311	-1.032	-0.7525
1265	-0.2316	0.2966	-1.908	-0.01828	0.1598	-0.7509	-0.4537	-2.185	-0.4752
1266	1.668	1.856	-0.8289	-0.9588	-0.7906	-1.661	-1.244	-2.106	-0.4656
1267	3.058	-0.3639	-0.1089	-0.2688	-0.4606	-0.3413	-1.144		-0.02562
1268	3.989	-2.083	0.6523	-0.8875	-0.5694	-0.6701	-0.393	-0.9444	0.01563
1269	3.453	-0.9391	0.04586	-1.034	-1.126	-0.6866		-1.041	-0.1409
1270	0.2329	-0.989	-0.994	-0.7338	-1.036	-1.026	-0.2693	-0.2807	0.4793
1271	1.744	1.092		0.4369	0.365	-0.7757	0.1914	-0.3	-0.06
1272	1.894	1.232	-1.733	-2.363	-2.815	-2.916	-1.429	-1.88	-1.63
1273	-0.6308	0.5473	-0.3777	0.0425	-0.5494	0.2799	0.107	-0.5344	-0.2044
1274	-0.3177	0.9305	0.1955	-0.1844	-0.5563	-0.737	-0.3198	-1.291	-0.1812
1275	-0.7339	0.6842	0.2192	-0.6906	-1.083	0.1968	-0.7161	0.1825	-0.1475
1276	-0.6877	0.7505	-0.4445	-0.4244	-0.8963	-0.457	-0.1098	0.9388	-0.06125
1277	0.2355	0.2637	0.04867	-0.5212	-0.903	-1.504	-1.177	1.262	-0.04805
1278	-0.3764	0.7617	0.5467	-0.7531	-0.905	-1.006	-1.519	1.85	-0.25
1279	-0.5708	-1.123	-0.3377	-1.427	-1.399	-0.9701	-1.343	1.786	-2.324
1280	-0.6089	-0.8307	0.3843	2.624	2.823	-0.3882	0.02895	-0.3325	-0.08246
1281	-0.4664	1.642	1.507	-0.4631	-0.045	-1.286	-2.409	1.04	-0.46
1282		0.9117	1.327	-0.9631	-0.745	-1.446	-1.219	0.68	-0.72
1283	0.7675	0.6656	1.201	-1.029	-0.7211	-0.2518	0.1153	0.06391	-1.076
1284	-0.3954	1.483	-1.262	-1.302	-0.8739	-0.5046	-1.467	-0.7689	-0.4089
1285	-0.3005	0.8777	-0.6073	-0.4372	-0.2491	-0.1498	-0.2327	0.02594	0.08594
1286	-0.2089	1.399	-0.1858	0.1644	0.0125	0.2118	-0.6311	-0.7725	-0.2325
1287	-0.8421	1.156	0.4411	-0.02875	-0.2806	0.4387	-0.01422	1.924	-0.1956
1288	-0.3164	1.552	0.3767	0.8369	0.655	-0.3057	0.8014	1.12	1.51E-08
1289	-0.9464	1.232	-0.1933	-0.8331	-1.145	-0.8257	-2.029	0.28	-0.75
1290	-0.8916	1.067	-0.3285	-0.9983	-1.21	-0.0109	-0.4738	0.3348	-0.1952
1291	-0.6919	-0.1237	-0.5687	0.3014	0.7495	0.06883	0.5359	0.1845	-0.1855
1292	-0.04426	1.404	-0.6411	-0.5209	-0.09281	-0.3035	-0.03641	0.9722	0.04219
1293	-1.352	2.466	0.4509	0.691	0.7191	0.3784	0.3855	0.8841	-0.7159
1294	0.159	1.007	0.5222	0.002344	0.1605	0.6398	0.9969	0.7155	-0.2745
1295	-0.4721	0.6861	0.4511	0.2113	0.6194	1.099	0.6558	1.054	-0.3156
1296	-0.3661	0.03203		0.06719	0.1553	-0.5854	0.4017	-0.3197	-0.2397

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Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1297	-1.146		-0.9033	-0.6431	-0.545		-0.2586	0.75	
1298	-0.6664	-0.6583	-0.9033	-0.4231	-0.625	-0.005703	-0.1586	0.8	-1.07
1299	-0.3477	-0.4095	-0.7745	0.5756	0.4237	0.293	0.1202	0.1787	-0.01125
1300	-1.826	0.5317	-1.903	-2.323	-1.455	0.0143	-0.09859		-1.32
1301	0.2985	-0.04336	-0.3784	-0.2882	-0.8801		-0.9437	-0.2551	-1.145
1302	0.0008984	-0.06094	-0.8959	-1.496	-0.9077	-1.788	-1.741	0.4873	-0.1227
1303	-0.4805	1.018	-0.9873	-0.7272	-0.7291	-0.1598	0.3373	-0.07406	-1.134
1304	-0.08707	1.311	-0.3039	-1.024	-0.8756	-0.2963	-0.7892	1.079	0.7294
1305	-0.4335	0.5047		-1.06	-1.192	-0.8527	-1.056	-0.437	0.863
1306	0.1361	1.404	-0.5108	-1.451	-1.313	0.2068	-0.9761	-1.227	-1.507
1307	1.274	0.7723	0.1373	0.3074	1.226	-1.205	-1.298	0.8205	-0.009453
1308	1.356	0.7341	0.1991	0.1593	1.157	-0.4633	-0.5562	0.7724	0.1724
1309	-1.289	1.159	-0.6958	-0.6856	-0.6675	0.5618	0.3689	-1.032	0.3775
1310	1.48	2.148	-0.207	0.6831	0.6812	-0.9895	-1.572	-0.7437	-0.06375
1311	-0.7102	-2.732	-1.477	-1.397	-1.279	-0.1295	-0.9723	-1.284	-0.8037
1312	-1.233	-1.055		-0.9997	-1.202	-0.1423	-0.2752	-0.7466	-0.6666
1313	1.377	-1.045	-0.5197	-0.2695	0.3686	0.1579	0.195	0.01359	
1314	1.506	-2.296	-2.661	-3.091	-3.113	-0.4936	-0.1865	-3.978	-1.918
1315	0.5436	0.8917	-0.8633	-1.023	-1.285	-0.4957	-0.8786	-1.38	-0.57
1316	-0.09145	-0.9033	-0.5683	-0.3881	-0.71	0.6193	0.5064	0.055	-0.115
1317	4.215	-0.6467	-1.182	-0.02156	-1.443	-1.294	-0.507	-0.4784	-0.4884
1318	1.67	-0.6116	-0.7266	-0.2964	0.2817	-0.109	0.1781	-0.05328	-0.5133
1319	-0.8084	0.3598	0.2948	-0.8951	-0.667	0.03234	-1.351	1.218	-0.282
1320	0.3493	-0.3126	-0.2976	-0.1474	0.4507	1.17	0.7771	0.6257	-0.0243
1321	0.3981	-0.1137	0.3513	1.061	0.9895	1.039	0.5459	0.02453	0.08453
1322	0.6021	-0.8697	-0.3047	-2.285	-2.316	-1.247	-1.83	0.4486	-1.571
1323	0.9707	-0.1311	-0.3361	-0.8759	-1.258	0.1415	-0.7214	-0.02281	-0.9828
1324	-0.3364		-0.3433	-0.4031	-0.325		-0.5586	-2.01	0.57
1325	-0.08035	-1.092	0.07281	0.143	-0.1589	-0.3096		-0.8039	0.1561
1326	-0.06645	-0.2083	1.107	-0.08312	0.365	-0.4757	-0.02859	-0.53	-0.46
1327	0.4175	-0.5444	1.631	-0.9992	-0.9511	-0.0218	-1.205		0.1739
1328	0.6473	-0.7445	-0.4995	-0.5894	-0.5613	0.488	-0.5248	-0.1462	-0.1062
1329	-0.1677	0.6805	-0.5645	0.5256	0.09375	0.333	3.21	0.1787	-0.2412
1330	0.2293		-0.01758	0.2126	0.4407	0.74	1.057		0.7757
1331	0.9103	2.168	-0.2666	0.2236	-0.1983	0.341	0.4581		-0.09328
1332	-0.7252	0.643	0.04797	-0.1819	-0.2638	-0.2045	-0.9673	-1.429	0.4913

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1333	-0.0008203	0.1873	0.02234	0.1225	-0.1694	1.22	1.247	-0.5644	-0.5144
1334	-0.04426	0.1039	-0.5211	-0.7809	-0.7728	0.1365	1.574	-0.6878	-1.348
1335		0.1998	-0.3352	0.3449	0.483	0.02234	0.1895	0.208	-0.142
1336	0.3658	0.03398	-0.351	0.4091	0.5273	0.1366		0.04227	-0.1977
1337	0.3379	0.2661	-0.08891	0.4712	0.4394	0.1287	0.2858	-0.1356	0.04438
1338	-0.1219	1.166	-0.3087	-0.3686	0.07953	-0.1412	0.2159	0.09453	-0.03547
1339	0.9179	0.04609	-0.3089	-0.8688	-1.101	0.6687	0.3258	0.4644	-0.5056
1340		0.6417	-0.1433	-0.1631	0.295		-2.029	0.64	
1341	0.1615	-0.7503	-0.3053	-0.5352	-0.387	0.7523	0.8794	-1.102	0.06797
1342	1.448	0.7961	0.1211	-0.5688	-0.09063	0.1687	0.3058	-0.7556	0.8044
1343	0.1436	-0.8283	-0.1433	0.7169	0.875	0.4443	0.9914	-0.08	0
1344	0.9875	-1.434	-0.1193	0.7709	0.329	1.428	3.115	0.214	-0.02602
1345	0.2286	-0.04324	0.2818	0.8419	0.98	0.4393	0.1164	-0.965	-0.515
1346	0.4894		-0.8875	-1.077	-0.5092	1.91	2.367	2.456	2.416
1347	2.802	-1.56	0.0952	2.435	2.313	0.4328	1.31	2.018	2.678
1348	2.983	-0.4686	0.1764	2.347	2.475	-0.07605	1.481	2.38	3.55
1349	-1.037	-0.3889	-0.3439	-0.2238	-0.1156	3.544	0.6108		6.149
1350	-1.147	-0.9185	-0.7035	2.527	3.505	1.404	0.9312	2.6	1.56
1351	1.439		0.3617	0.3319	0.42	-0.1807	0.1064	-0.615	-0.405
1352	-1.703	0.2547	-0.1003	1.65	1.738	-0.1327	1.354	0.213	1.653
1353	0.2175	-1.024	0.000625	0.1908	-0.1911	-0.6618	-1.685	0.4839	0.2439
1354	-0.2014	0.2467	0.6917	0.07188	0.54	-0.2207	0.5764	1.125	0.305
1355	0.1736	-0.8583	0.3267	0.04688	0.565	-0.3957	0.2314	0.08	0.95
1356	0.3295	-0.7223	0.3827	-0.01719	0.5109	-0.3098	0.3373	0.03594	0.6459
1357	-0.6614	-0.2533	-0.6583	-0.1881	-0.45	-0.8207	-0.7236	-0.185	-0.115
1358	-0.134	-2.086	-1.061	-0.5107	0.7374	-0.3833	0.4738	-0.9876	-0.8776
1359	0.05184	5.83E-13	0.285	0.2552	-0.06672	0.09258	0.4697	-0.5917	0.1483
1360	-0.1964	0.02172	0.3567	0.1969	0.205	0.5743	0.6314	0.47	0.68
1361	0.2623	-0.7495	0.3155	0.4056	0.4037	1.943	2.22	0.5387	0.2088
1362	0.04355	-0.3383	0.9367	1.697	1.435	1.494	2.141	2.09	-0.16
1363	-0.5575	1.141	-0.8643	-1.384	-0.706	-0.8067	-0.4796	0.469	-0.09102
1364	-0.8164	0.6317	-0.7933	-0.6531	-0.935	-1.506	-0.4086	0.31	-0.49
1365	1.373	1.411	-0.164	-1.694	-1.836	-0.8764	0.6907	0.8393	1.779
1366	-1.009	0.819	0.464	-0.5159	0.1923	0.1116	-1.171	1.167	0.5473
1367	-1.246	3.042	-0.04328	-1.743	-1.245	0.1543	-0.2186	-0.47	0.04
1368	-0.2714	1.267	-0.5483	-0.1781	-0.61	-0.2307	-1.324	-1.735	0.305

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1369	-0.4694	-0.001211	0.04379	-1.336	-1.308	-0.5886	-1.542	-2.673	-0.1829
1370	0.3636	-0.9783	0.8567	4.227	3.965	1.904	2.381	-0.17	0.08
1371	0.1536	-0.5783	1.407	3.377	3.025	2.634	2.461	0.82	-0.16
1372	0.8086	-0.2933	-0.2583	1.702	1.77	2.489	2.986	0.005	0.865
1373	0.8736	0.001719	-0.1933	-0.9131	-1.005	-0.4357	0.8614	-0.85	-1.06
1374	0.5986	0.5267	1.232	0.8319	0.73	-0.4707	-0.4536	-1.885	0.135
1375	1.004	0.5817	1.287	1.177	0.915	-0.1557	-0.6986	-2.13	0.31
1376	-0.66	0.8481	0.2531	0.8133	0.5614	-0.0393	0.3278	0.7664	0.1864
1377	-0.09395	0.8542	-0.1108	0.1794	-0.1925	-0.1332	0.01391	0.5725	0.3225
1378	0.4495	0.2577	0.7127	-2.567	-3.079	0.8202	1.947	0.09594	-0.4541
1379	0.1384	0.4865	0.3315	-2.798	-2.91	1.189	1.656	0.7648	-0.2252
1380	0.2686	-5.543	0.9317	-5.038	-4.64	0.3693	-0.5536	0.255	0.355
1381	-1.128	3.4	0.3955	-1.444	-0.9463	0.643	0.4202	-0.7213	-1.141
1382	0.4592	0.9073	0.4423	-1.887	-2.079	-1.67	-1.203	-0.9944	-0.01437
1383	1.004	1.582	-0.4733	-0.6531		-0.9557	-1.709	-0.76	-1.33
1384	0.5736	0.4717	0.4567	0.2569	0.405	0.4543	0.5914		0.41
1385	-0.8364	-0.5683	0.1867	-1.343	-1.395	-0.8457	-1.449	-1.38	0.26
1386	-0.9049	0.6033	-0.6117	-0.8116	-0.5734	-1.044	-0.517	-0.6184	1.082
1387	0.8336	0.8517	-1.183	0.3669	-0.015	-2.156	-0.4786	4.66E-12	-0.62
1388	0.6229	-0.03891	-1.084	-0.3738			0.0007813	-3.201	-0.3406
1389		0.1555	-0.4795	-0.7294	-0.5013	0.608	1.045	0.8438	-0.5162
1390	0.4734		-1.473	0.8667	0.8548	-0.1859	-0.00875	1.3	-0.9802
1391	0.0982	-0.6436	0.1714	-0.2385	0.4796	0.3289	0.7561	-0.1654	0.3546
1392	0.0223	-2.06	-0.9045	-2.214	-1.916	-1.127	-1.48	-2.251	0.2088
1393	0.2129	2.141	0.1661	0.6562	0.7744	-0.6363	0.0007813	0.8194	0.4594
1394	0.03949	-0.2923	-0.9473	-0.06719	0.05094	-0.9698	0.2073	0.5859	0.5459
1395	-1.296	-0.1983	-1.423	-0.2731	-0.775	-0.7357	-1.479	-0.23	-1.12
1396	-1.086	-0.3183	-1.153	-0.4331	-0.845	-0.4557	-1.419	-0.63	-1.02
1397	-0.2314	-0.1333	-0.7283	-0.3581	-0.33	-1.251	-0.5136	0.145	-0.335
1398	-0.0191	0.4291	-2.716	-2.726	-2.028	-3.468	-2.181	-1.753	-0.7227
1399	-0.5786	-0.08047	0.1045	-1.225	-0.9772	-0.4679	-0.2508	0.2378	-0.02219
1400	-0.01164	-0.2735	-0.008477	-0.9183	-0.8302	-0.2609	-1.454	0.2848	-0.3552
1401	0.2136	0.8717	-0.3733	-0.5931	-0.545	-0.6657	-0.2486	0.53	0.29
1402	0.8951	-0.1067	0.7683	-0.001563	-0.07344	0.3759	0.383	1.022	0.3216
1403	-0.03645	0.2317	-0.4833	0.2569	0.285	0.4043	1.171	0.78	0.6
1404	0.3896	0.7178	0.1128	-0.02703	0.05109	0.0003906	0.5175	0.6161	0.6361

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1405	0.4655	0.7737	-0.001328	0.05883	-0.133	-0.2938	0.4534	0.802	0.512
1406	1.543	-0.8489	-0.5339	-2.294	-1.966	-2.606	-1.479	-2.301	-0.3606
1407	0.4436	-0.02828	-0.3633	-0.4831	-0.425	-0.1957	0.2314	0.36	0.03
1408	-0.1136	-0.3355	1.21	2.64	2.868	1.747	1.414	1.363	0.6428
1409	0.474	0.07219	0.9772	1.467	1.335	1.105	2.292	3.34	0.06047
1410	-0.04809	0.3601	0.6951	1.175	1.483	0.5627	2.08	3.198	-0.08164
1411	-0.1764	0.2617	1.147	1.617	1.865	0.7043	1.871	3.19	-0.04
1412	0.4995	-0.8923	0.6527	0.5628	0.6909	0.2402	0.9073	1.036	0.7059
1413	0.3993	0.3074	-0.9676	-0.06742	0.0007031	0.31	0.7571	0.8357	-0.3843
1414	0.1575	1.756	-0.6094	1.191	1.369	-0.3718	-0.5447	0.8039	-0.6661
1415	0.8386	1.597	-0.9383	0.8619	0.86	1.009	1.316	0.975	0.495
1416	-0.3239	0.7142	-1.231	0.8194	1.267	0.4768	1.634	0.7425	-0.7575
1417	0.2092	1.627	0.3523	0.6725	0.6906	-0.7401	0.807	0.2656	-0.3144
1418	0.9579	0.2561	0.5211	-0.04875	-0.1006	-0.07133	1.206	0.6344	0.09438
1419	0.3623	0.7505	0.2855	1.446	1.494	1.723	2.48	2.149	-0.1212
1420	0.8657	0.2639	0.3189	0.5091	0.4072	1.336	2.294	1.642	0.1422
1421	0.6723	-0.2195	-0.4145	0.6056	0.8137	-0.197	0.4802	0.2788	-0.1812
1422	1.416	-0.8463	-0.02133	1.239	1.237	0.6462	1.323	0.232	0.362
1423	0.3886	0.6967	0.1617	0.6319	0.98	0.3793	1.366	0.925	-0.055
1424	-0.06895	0.5392	-0.6858	-0.2756	-0.1575	-0.4482	0.9789	0.6075	0.9875
1425	0.8536	-0.9383	-0.3233	-0.7831	-0.235	0.0343	0.5714	0.3	-0.72
1426	0.7296	0.3378	0.4228	-0.247	-0.4689	-0.4896	0.8475	0.5661	0.08609
1427	0.9436	0.1917	-0.1233	0.5169	0.885	-0.4757	0.9314	1.23	0.85
1428	-0.2893	0.04891		0.3041	0.03219	-0.5985	0.3986	0.2572	0.8572
1429	0.1846	-0.2072	0.04781	0.478	0.2661	-0.3746	0.4125	0.5411	0.9111
1430	0.09809	1.186	0.3213	2.401	2.4	-0.8812	-0.1341	0.8545	-0.4555
1431	-0.725	0.4731	0.09812	1.548	1.416	0.6357	1.743	1.041	-0.3786
1432	1.084	-0.2983	-0.5833	0.08688	0.335	-1.286	-0.3786	0.22	0.03
1433	1.274	1.082	-0.2733	-0.6131	-1.115	0.2743	0.6714	0.93	1.44
1434	0.01387	-0.08797	0.497	-0.6228	0.2953	0.4546	-0.08828	2.04	0.1103
1435		-0.1667	0.2183	0.008438	-0.05344	-1.114	-0.497	0.4616	0.2716
1436	0.2095	-0.2723	0.05266	0.8128	1.041	-0.09977	0.05734	0.2259	0.2459
1437		0.5084	-0.4766	0.2536	0.1317	-0.279	0.1281	0.8067	0.5567
1438	1.05	0.608	-0.007031	1.573	1.661	-0.009453	0.8077	0.4162	1.026
1439	0.1937	0.7019	0.09687	0.537	0.7552	-1.356	-1.818	0.07016	1.47
1440	0.4136	0.8717	0.6867	1.237	0.745	-0.005703	-0.2086	0.45	0.03

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1441	0.6829	1.941		0.8562	1.434	0.3336	-0.1293	0.0293	-0.9307
1442	0.5771	1.915	0.9503	0.7604	1.409	0.4378	0.1049	-0.1965	-0.4665
1443		3.126	0.4211	1.611	1.589	-0.3913	0.005781	1.784	0.3744
1444	0.3766	2.955	-0.0002344	2.52	2.178	1.527	1.494	0.913	-0.537
1445	0.2846	-0.2773	1.678	1.118	1.256	0.6753	1.292	1.221	0.801
1446	0.2536	-0.5883	1.167	1.677	0.665	0.9943	1.331	1.25	1.18
1447	-0.8159	0.7123	0.6773	-0.08258	0.2355	0.05484	1.282	1.221	1.281
1448	-1.027	0.3308	1.106	-0.06402	0.4041	0.3334	1.251	1.199	1.029
1449	-0.6036	-0.8255	0.03953	1.06	0.9378	-0.09289	0.6042	1.583	0.06281
1450	-0.5964	0.2317	0.6667	-0.003125	0.035	-0.4857	0.3314	0.45	0.03
1451	0.6136	0.1617	-1.433	-3.093	-2.825	-0.4757	-0.3786	-2.64	-1.33
1452	1.305	0.8528	-1.032	-0.942	-0.4139	-0.7746	-0.1575	-0.5189	-0.3889
1453	1.511	-0.6411	0.2439	-0.6159	-0.3478	-0.1685	0.2486	0.1372	-0.3928
1454	0.5336	-0.05828	0.6267	0.1969	0.435	-0.4257	0.7514	1.44	-0.56
1455	1.011	1.12	-0.07547	-0.8653	-0.1072	0.2221	0.5492	2.538	0.9078
1456	0.5939	1.032	-0.483	0.5072	0.6053	-0.2754	-0.2183	1.19	0.08031
1457	0.6936	-0.2383	-0.7633	-0.5331	-0.605	-1.416	-0.1586	-1.28	-0.57
1458	1.154	0.9717	0.6667	1.137	1.155	0.0143	0.3614	0.73	0.39
1459	0.0523	0.6905	-0.6445	0.6356	0.4937	0.673	0.4202	0.5587	-0.6712
1460	0.4636	0.8517	-0.4233	-0.003125	0.445	0.3443	0.8914	0.44	0
1461	1.049	0.5574	-3.088	-1.667	-0.2693	-0.05	0.5571	1.356	0.3757
1462	0.2136	-0.1983	-0.8633	0.8069	1.245	0.5243	-0.03859	4.66E-12	0.44
1463	-0.2939	1.394	1.519	-0.6506	-0.0625	-0.3132	0.3639	0.1825	-0.7275
1464	-0.3553	1.413	0.6479	0.618	1.066	0.3754	0.2425	1.251	0.05113
1465	0.7829	0.6711	0.2761	1.186	1.444	0.4837	0.2408	1.639	-0.1406
1466	0.03082	0.639	0.604	0.7441	0.7023	0.3916	0.3687	1.047	-0.9827
1467	-0.8161	2.052	0.187	2.307	2.125	1.175	0.4717		-0.06969
1468	1.202	1.44	-2.205	-1.964	-1.596	-2.367	-2.05	-0.8113	1.189
1469	0.6336	1.962	-0.9533	-1.873	-1.455	-0.2457	0.1614	0.99	0.64
1470	0.6591	0.9073	0.4723	-1.788	-1.369	0.08984	-0.103	3.826	-0.9545
1471	-0.2464	-0.5783	-0.4633	-1.283	-1.445	-0.1757	-0.3386	0.32	0
1472	-0.5133	2.825	-0.3602	0	0.2881	1.017	0.9945	1.353	0.2031
1473	-0.3677	-0.01953	0.7955	1.126	1.234	0.983	0.5002	0.9087	0.7088
1474	-0.4554	-0.8172	-0.5922	1.038	0.9461	0.8654	0.5825		0.8511
1475	0.5336	1.382	-0.1433	1.197	1.185	0.6543	1.301	0.09	0.11
1476	1.414	0.03172	-0.4533	1.667	1.785	-0.6457	0.4214	-0.02	2.61

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1477	1.012	1.82	-1.495	1.776	1.934	1.083	1.42	1.449	1.339
1478	0.4848	2.453	-0.432	1.548	0.8262	0.2855	0.9027	0.3513	-0.2087
1479	0.5584	0.5565	-0.1785	2.912	2.22	0.9991	0.8662	0.8248	0.5648
1480	-0.1743	-1.096	0.3389	0.1891	0.1972	0.2465	1.544	-1.508	0.9822
1481	-0.04645	-0.1583	-0.3533	1.027	1.395	0.6043	1.361	0.61	0.39
1482	0.1946	0.5628	-0.04219	-0.722	-0.6139	0.3854	-0.0375	0.5411	0.6311
1483	-1.656	2.072	0.7467	0.4469	0.135	0.8843	-0.5486	0.1	1.11
1484	0.8359	0.6741	0.3691	0.3792	0.1673	0.1766	1.204	0.5423	1.102
1485	1.267	1.086	1.021	1.451	1.379	1.228	2.095	2.094	1.154
1486	-0.1414	-1.843	0.05172	1.812	1.23	-0.6407	-0.9736	-0.535	-0.305
1487	0.1715	1.55	-0.5153	0.2048	0.113	0.08227	0.02938	1.028	-0.562
1488	0.6286	1.567	-0.08828	0.3519	0.19	0.4693	-1.324	1.275	-0.475
1489	1.346	2.554	0.008672	-0.4612	-0.933	1.006	1.373	0.112	-0.828
1490	1.293	0.5414	0.3464	-1.353	-1.545	-0.5261	-0.4989	1.39	-0.3704
1491	-0.4154	-0.7973		0.9279	0.736	0.3853	0.6424	-0.189	0.321
1492	0.9736	1.312	-1.423	-1.273		0.9543	0.9014	-0.02	-0.26
1493	-0.2564	-0.02828	1.327	0.2969	0.695	-0.7257	-0.3486	0.37	-0.08
1494	0.9036	-0.7983	0.1267	-0.6531	-0.475	-1.076	-0.6686	-0.43	1.06
1495	1.032	-0.8999	0.3451	-0.8548	-0.4466	-1.037	-1.46	-0.9516	1.228
1496	0.008359	0.6665	-0.09848	0.8817	1.29	-0.0409	0.1962	0.0748	-0.0652
1497	0.9078	0.03594	0.9709	0.7611	-0.1708	-0.9015	-1.434	1.504	0.3642
1498	0.3636	0.7117	0.2267	1.247	1.125	0.4243	0.9214	0.77	-0.03
1499	2.025	-0.7765	1.658	-0.1313	0.3768	0.8261	0.2432	0.5418	-0.1282
1500	0.9248	-0.247	-0.782	0.3081	0.4362	-0.2945	0.1527	0.7613	-0.1687
1501	-1.876	0.3117	0.5767	-0.7731	0.055	-0.4957	1.671	5.59E-11	-0.43
1502	0.3834	1.392	-0.1034	-3.023	-2.345	-1.496	-1.009	1.04	-0.6101
1503	-0.08645	0.9917	-0.5733	0.9569	0.965	0.0243	-0.4186	1.33	0
1504	-0.5371	-0.6489	0.4461	0.7162	0.4444	-0.4663	-0.06922	-1.531	0.5294
1505	-0.5964	-0.4883	-0.4133	-1.733	-1.175	-1.056	-1.189	0.31	1.81
1506	-0.9714	-0.4433	-0.3183	-1.658	-1.07	-1.071	-1.044	0.235	1.715
1507	-1.246	0.07172	-1.903	1.607	0.915	-1.046	0.1614	0.63	1.61
1508	-0.2589	-0.08078	-0.7858	1.334	0.8625	-0.6482	0.5589	0.7975	1.438
1509	0.4467	1.205	0.1898	0.33	0.5281	-1.393	-1.175	0.1831	0.4731
1510	0.3111	0.6792	-1.376	1.114	1.952	-0.0182	-0.2411	1.958	-0.0425
1511	0.4623		1.025	1.166	1.414	0.163	0.8702	0.2787	0.3488
1512	0.7736	0.2317	0.2467	0.6669	0.445	0.4643	0.5414	0.05	0.09

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1513	0.7523	0.01047	-0.2045	1.086	0.9937	0.143	0.7102	0.4488	0.3888
1514	-0.1108	-0.3727	0.2023	0.2425	0.6106	0.5599	1.357	0.9456	0.1956
1515	0.5611	-0.07078	-1.216	3.824	3.092	1.472	2.739	-0.8525	2.278
1516	0.9573	-1.395	-0.8095	4.061	3.319	1.378	2.565	-1.456	2.424
1517	-0.2245	-0.5763	-0.01133	0.1288	0.447	0.7162	1.933	-0.328	0.07195
1518	1.811	-0.001211	1.074	2.054	2.042	0.6514	1.008	0.8571	0.3971
1519	0.83	0.5282	0.6332	-0.01664	0.4915	-0.03922	0.5779	1.206	0.9765
1520	2.331	0.2289	-0.8661	0.2241	1.002	2.141	2.469	2.737	1.947
1521	-0.7563	0.3919	-0.1031	0.167	0.4452	-0.3655		0.4002	0.1902
1522	0.7096	0.3278	-0.2172	1.043	1.031	0.0003906	0.5675	-1.014	-0.7939
1523	0.8936	-0.4983	-0.4133	0.1369	-0.435	0.9043	0.4514	-0.4	-0.64
1524	-0.07254	0.9556	0.4606	-0.2692	-0.2611	0.2482	0.5753	0.6639	0.6739
1525	1.953	0.531	-0.09398	0.5562	0.7743	1.864	2.611	1.689	-0.2207
1526	0.9657	-1.626	0.4889	-0.07094	0.3272	-0.6735	-1.186	-1.158	-0.5178
1527	0.02223	2.15	-1.775	-0.4445	-0.1163	-0.467		0.3187	0.3887
1528	1.047		0.000625	0.5708	-0.7511	-0.3218	0.06531	2.134	-1.976
1529	0.3846	1.113	2.568	2.438	2.416	-0.7646	0.1525	1.471	0.001094
1530	0.0008984	0.009063	0.3241	1.744	1.432	0.2916	1.019	0.6973	0.09734
1531	0.3327	1.521	0.2359	0.826	0.7441	0.003437	-0.2995	1.319	-0.2509
1532	-0.4864	1.282	-0.1533	-0.2631	-0.195	-0.8157	-0.5086	0.27	-0.71
1533	0.5879	1.636	0.08109	-0.2187	0.1894	-0.1013	0.5758	0.6444	-0.5856
1534	0.5436	1.862	0.07672	-0.2331	0.175	-0.2757	0.2914	0.83	-0.29
1535	0.5704	1.329	-0.03641	-0.01625	-0.008125	-0.5188	-0.5317	0.6869	-0.6331
1536	-0.4606	0.8376	0.1326	-0.5373	-0.8591	1.9	1.767	1.746	-1.734
1537	0.04387	1.302	0.307	-0.2028	0.2253	0.7346	1.592	1.15	0.08031
1538	0.3048	0.843	-2.472	0.9381	1.616	-0.7345	0.1327	-0.1788	-1.999
1539	0.5373	0.6555	-1.63	0.6906	1.359	-1.152	0.1952	-0.1962	-2.036
1540	0.5694	0.6676	-1.157	0.8527	1.491	-0.5098	0.4073	0.1859	-1.124
1541	0.5679	1.236	-1.069	0.4513	0.5694	0.3987	0.6858	-0.1456	-0.3256
1542	0.09074	-0.2211	-1.766	-1.796	-1.378	0.2815	1.209	0.2072	0.4972
1543	0.7684	1.157	0.9315	-4.158	-3.46	0.3691	0.6362	0.8848	1.195
1544	0.7236	0.2317	1.247	-3.973	-3.325	-0.0157	0.6814	0.64	1.55
1545	1.032	-0.06953	1.205	-3.984	-3.956	0.09305	0.5202	0.5988	1.619
1546	0.2975	-0.8244	0.000625	1.161	1.119	0.3082	0.9553	0.8439	0.8539
1547	-0.07082	0.2073	1.002	2.373	1.251	1.76	0.337	0.2556	0.5256
1548	0.8116	-0.07023	0.7848	0.08492	0.143	0.03234	0.1195	0.748	-0.522

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1549	-0.7177	-0.4495	0.4955	0.3056	0.3937	1.443	2.28	1.039	0.1888
1550	0.009805	0.378	-0.447	0.3631	0.4712	-0.3295	0.7477	0.08625	-0.3937
1551	0.4936	-0.6083	0.4067	-0.3131	0.235	0.5243	0.8714	-0.09	0.12
1552	-0.01277	0.6754	0.5304	1.061	1.109	0.778	0.7951	1.804	-0.2263
1553	0.6575	0.8456	0.000625	0.9008	1.099	-0.0318	0.3253	1.554	0.4839
1554	-0.08645	0.3717	0.2467	1.077	1.385	-0.2657	1.241	2.18	0.49
1555	0.9328	-0.07906	0.06594	-0.1439	0.02422	-1.166	-0.04937	-0.3408	-0.5508
1556	1.124	0.3417	-0.1033	0.07688	0.525	0.7743	1.191	0.83	-0.41
1557	1.167	0.7455	0.01047	-0.03937	0.00875	0.598	1.185	0.8338	-0.3162
1558	0.4386	0.03672	0.7817	0.2819	0.72	-0.2807	0.4864	-0.735	0.505
1559	0.3005	-0.001328	1.024	0.3138	0.682	-0.2388		-0.853	0.417
1560	1.569	0.7268		0.102	0.7601	-1.681	-0.6535	0.2151	0.4851
1561	1.944	-0.04813	-0.8731	-0.05297	0.4252	-0.8855		-0.009844	0.4502
1562	1.239	0.9476	-0.5474	1.153	1.321	0.2502	1.537	0.9859	0.7859
1563	1.317	0.8153	-0.3097	0.6405	1.029	0.1579	0.925	0.7736	0.1536
1564	0.5081	-0.5637	0.2513	-0.5686	-0.2605	0.08883	0.6659	-0.8855	-0.6655
1565	1.152	-1.56	0.7455	-0.3044	-0.05625	0.163	0.4102	-1.651	-0.4312
1566	0.9093	-1.233	0.8925	-0.3173	0.0007812	0.2201	0.5072	-1.484	-0.2842
1567	0.7075	0.4156		-0.4992	-0.4611	0.2982	0.5153	-0.9561	-0.8861
1568	0.8907	-0.4711	-0.2161	-0.9159	-0.7878	0.05148	0.2786	-0.6528	-0.5428
1569	0.4236	-0.05828		1.157	0.275	-1.896	-0.2086	-0.37	0.07
1570	-0.1039	0.7042	-0.4308	0.8894	1.037	1.047	1.284	0.1925	-0.0475
1571	-0.2929	0.3653	-0.2797	0.6305	1.129	1.298	1.185	0.5336	-0.4364
1572	-0.09332	-0.1152	-0.6902	0	0.9781	1.017	0.5845	0.4831	-0.01687
1573	0.4686	0.9967	-0.9783	1.292	1.24	0.7693	1.566	1.005	-0.115
1574	0.4336	0.4517	-0.9033	0.9469	1.375	0.7843	0.9414	1.35	0.19
1575	0.1864	0.7545	-1.02	0.8297	1.338	0.4471	0.9242	0.4328	0.7028
1576	-0.003633	0.2745	-0.4005	1.09	1.288	0.6671	1.564	0.6928	0.3728
1577	0.1223	0.7905	0.03547	1.346	1.354	0.503	1.04	0.2888	0.5388
1578	0.01965	0.1478	-0.02719	0.543	0.5311	0.0003906	0.9775	0.1161	-0.1339
1579	0.8244	-1.577	0.7776	0.6477	1.166	1.165	1.832	-1.549	-0.1091
1580	-0.1802	-0.992	0.263	0.4931	1.141	1.331	2.428	-0.2438	-0.6337
1581	-0.06645	-0.9183	1.337	0.4069	0.845	0.9843	2.351	-0.82	-0.01
1582	-0.2564	0.1817	0.9767	2.817	2.165	1.134	1.911	0.82	1.85
1583	-0.6629	-0.1647	0.7903	2.85	2.439	1.138	2.125	1.194	1.544
1584	1.809	-0.5723	-0.7773	-0.3772	-0.6091	-0.1098	0.09734	-0.7241	0.1759

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1585	1.774	-0.9683	1.117	0.2569	0.235	-0.2157	-0.4786	-0.03	0.63
1586	1.847	0.9553	0.8503	1.08	0.9786	1.308		1.944	0.7136
1587	1.269	1.227	1.122	1.032	1.05	1.039	1.456	1.775	0.825
1588	0.5375	-0.06434	-0.7793	1.061	0.7189	-0.5618	0.6154	0.3239	0.9339
1589	0.1464	0.02453	0.9795	0.9497	1.088	-0.1429	0.5742	-0.1272	-0.3472
1590	0.5092	0.2373	0.9323	1.023	0.9206	-0.2401	0.787	-0.1544	-0.6944
1591	0.7152	1.563	0.7184	1.359	1.257	1.276	2.303	0.9517	-0.4183
1592	1.779	0.9273	0.7123	2.352	2.361		1.817	1.246	0.9956
1593	0.1742	0.7224	0.9174	1.028	0.6257	2.095	1.932	2.231	0.7707
1594	0.1464	0.7745	0.9795	1.19	1.428	0.3171	0.9642	0.7228	0.8228
1595	-0.3897	0.8284	1.373	2.474	2.092	1.791	2.338	1.797	1.147
1596	-0.1564	0.8017	1.057	1.997	1.445	1.704	1.531	1.25	1.15
1597	-0.6654	0.3428	1.168	1.818	1.436	1.535	1.443	0.7311	1.021
1598	-0.4661	0.552	1.117	1.847	1.805	1.235	2.282	1.5	0.6203
1599	0.9736	1.172	1.187	2.707	2.515	2.484	2.521	1.37	1.38
1600	1.294	1.612	1.937	2.757	2.315	2.514	2.641	2.08	1.72
1601	1.722	0.7205	-0.004531	1.536	1.654	1.033	1.59	1.439	1.099
1602	2.09	0.5284	-0.1066	2.054	2.282	0.9309	1.648	1.097	1.677
1603	0.3871	1.475	0.1402	1.18	1.409	1.088	1.915	1.454	0.2635
1604	1.19	-0.07211	-0.2571	1.523	1.821	1.62	0.8876	0.5762	0.07617
1605	0.6786	1.877	-0.1283	0.3519	1.07	0.1493	0.7864	0.805	0.345
1606	2.232	0.8503	-0.2447	1.585	1.854	-1.897	0.03	0.1986	1.919
1607	0.8186	0.2167	-0.2183	1.432	1.1	-1.541	0.05641	0.185	1.765
1608	0.6986	0.6267	-0.4283	0.7419	0.73	-1.131		-0.065	1.035
1609	-0.7874	1.421	-1.934	0.005938	0.1341	1.543	1.88	-0.04094	1.809
1610	1.957	-0.1345	0.6105	0.05063	-0.3813	-0.622	-0.6748	0.02375	1.124
1611	0.5903	0.9284	1.823	1.924	1.402	2.241	2.908		1.037
1612	0.3336	-0.09828	0.4067	0.5969	0.475		0.8814	0.89	-0.89
1613	0.1014	0.8395	0.8845	-1.155	-1.147	3.172	4.279	-2.302	4.318
1614	-0.7925	0.9056	0.3006	-1.509	-1.381	3.128	3.325	-1.326	3.754
1615	-0.5506	0.7276	0.7126	-1.307	-1.269	3.13	3.087	-1.744	3.866
1616	0.09809	0.3063	0.4013	-0.2586	0.1695	-1.701	-1.574	0.2045	0.1345
1617	0.4597	0.4979	0.05285	-0.187	0.3211	-1.29	-1.042	0.2361	0.2561
1618	0.5375	0.4456	0.000625	-0.2792	0.1289	-1.572	-1.745		0.4039
1619	0.1101	0.1483	-0.1367	0.02344	-0.09844	-0.2091		0.02656	-0.02344
1620	0.3193	0.007422	-0.1276	-0.1174	0.1207	0.21	-0.2029	-0.0543	-0.0543

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1621	-0.5514	0.6467	-1.168	0.2819	0.13	-0.5607	0.3364	0.525	1.205
1622	-0.5119	-0.03375	-0.7387	0.2014	-0.0004688	-0.3812	0.2459	0.5245	1.315
1623	-0.001641	0.006523	0.1815	-0.4683	-0.2402	0.0891	0.3362	0.5148	-0.3252
1624	0.7636	0.4317	-0.4133	-1.083	-0.555	-0.3957	0.4114	0.92	-0.51
1625	-0.1897	0.1384	-0.1566	-1.286	-0.5483	-0.339	-1.102	-0.6033	0.05672
1626	-0.2311	-1.093	-1.618	-0.1278	-0.5697	-1.19	-1.113	-1.345	1.165
1627	0.6298	0.508	1.083	0.06313	0.2112	0.4805	0.5777	0.1863	-0.3837
1628	1.594	0.1417	0.3767	-0.6031	-0.525	-0.6357	-0.8086	0.91	-0.12
1629	1.742	0.2105	0.4155	-0.4444	-0.4363	-1.027	-0.6098	0.4287	-0.04125
1630	2.576	0.8442	-0.2708	-0.6306	-0.6025	-0.8232	1.394	-1.028	1.612
1631	-0.002773	1.005	-0.05961	-0.009453	0.07867	0.128	-0.8349	0.2537	0.6537
1632	0.6207	2.229	0.03391	-0.2959	0.4922	-0.01852	-0.8314	0.8872	1.087
1633	-0.3535	1.945	-0.2804	-0.1602	0.2179	-0.4128	-1.346	0.5029	0.3429
1634	-1.202	0.1665	0.8115	1.432	1.76	0.9891	1.826	0.6548	1.255
1635	-0.7689	1.799	-0.04578	2.374	1.682	0.3318	1.209	1.078	-0.9525
1636		1.489	-0.3264	1.734	2.692		1.048	2.437	
1637	0.2243	1.362	1.937	3.668	3.416	1.505	2.562	2.831	2.731
1638	0.2565	2.145	-0.2603	1.84	1.918	1.587	2.414	0.743	1.053
1639	0.8875	0.9256	0.000625	2.251	2.409	2.208	4.425	0.4139	0.05391
1640	0.4161	1.294	-0.1708	1.219	1.117	0.5068	0.9739	0.5325	0.4625
1641	-0.3664	2.252	1.057	0.6469	0.445	1.534	0.06141	2.1	0
1642	0.1093	1.907	1.192	0.5626	1.021	1.7	2.777	2.786	1.826
1643	-0.8784	0.8498	0.9148	1.545	1.073	1.752	1.649	0.508	-0.232
1644	0.8193	0.5374	1.412	1.293	1.791	-0.58	0.8471	1.516	-0.1343
1645	0.8736	1.982	1.677	1.857	2.405	0.3843	2.171	1.91	0
1646	0.4342	0.5023	1.217	1.557	1.866	-0.1551		1.371	0.04063
1647	0.4698	0.448	1.093	0.6431	1.261	-0.8795	0.9777	1.626	0.07625
1648	0.4236	0.5917	1.917	1.317	2.045	0.3343	0.6414	1.72	1.11
1649	0.2036	-0.3483	-0.3633	1.817	1.585	0.4743	0.4714	2.5	0.76
1650	0.2792	1.307	-0.8177	3.073	2.781	1.14	2.237	1.876	0.5256
1651	0.6679	1.616	1.761	2.491	2.979	0.7687	1.156	2.854	0.9644
1652	0.1136	0.7617	0.9067	2.087	2.125	-0.005703	1.391	1.46	-0.33
1653	-0.05645	-0.9983	0.3967	2.257	2.225	1.394	1.961	2.69	2.53
1654	-0.1943	0.6939	1.789	2.369	2.507	1.866	4.074	2.702	0.5421
1655	0.09488	-0.567	-1.312	3.228	3.006	2.046	3.793	1.281	0.09133
1656	0.6494	1.218	0.9426	2.333	2.091	1.84	2.487	2.316	1.326

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1657	0.0008984	0.2991	1.644	5.434	4.812	6.052	4.969	5.177	6.147
1658	0.4593	0.6574	-0.1176	3.953	3.881	4.94	3.557	1.066	1.026
1659	1.956	-0.4161	2.149	3.369	3.767	2.636	3.224	2.712	1.992
1660	0.3254	0.8636	1.479	3.319	2.517	0.8162	2.363	2.942	0.5119
1661	0.2636	-1.068	0.8067	2.977	3.615	2.864	2.241	2.62	1.67
1662	0.3686	0.9867	0.9017	2.612	2.68	1.699	2.066	2.265	1.575
1663	0.4892	0.9873	0.8423	1.353	1.811	1.71	1.577	1.496	0.8856
1664	0.9936	0.4817	0.9567	1.917	2.195	1.054	2.091	1.31	1.66
1665	-0.1089	1.869	0.5442	1.624	1.662	1.712	2.619	1.298	0.6675
1666		2.082	-0.3033	0.5769	1.185	1.354	1.611	1.02	0.33
1667	0.0008984	2.029	0.1241	0.6142	0.2823	0.1616	0.9988	3.077	-0.6827
1668	1.715	0.3428	2.608	2.248	2.406	0.8154	0.8125	0.8011	0.09109
1669		0.6305	3.165	3.246			1.89	1.639	0.5287
1670	1.304	1.662	2.047	3.347	3.465	-0.6257	-0.5686	2.3	1.18
1671	1.333	1.401	0.3664	0.3565	0.4746	1.334	1.791	1.63	0.9696
1672	0.3936	-1.458	0.07672	3.087	2.635	0.2743	0.6714	0.72	0.48
1673	-0.2964	0.4817	0.1667	2.687	2.695	0.7443	1.281	1.17	0.37
1674	-0.3022	0.7859	2.111	1.901	1.509	2.249	2.816	2.394	-0.5758
1675	-0.6979	0.1103	-0.7547	1.555	1.564	-0.007109	0.93	1.409	0.6986
1676	-0.9927	1.765	0.4505	1.251	1.069	0.448	0.6752	0.7237	0.8637
1677	0.8895	1.178	0.3527	-0.01719	-0.009063	0.8002	1.657	0.5959	0.3459
1678	0.2636	0.6217	0.6267	0.3669	0.555	0.1443	0.2514	1.02	0.19
1679	0.7736	1.652	0.3867	2.277	2.285	2.304	2.241	2.75	1.44
1680	0.6742	0.8023	0.9673	-0.0925	-0.2044	1.165	0.492	2.161	0.7606
1681	0.3625	1.011	0.3057	0.3359	0.294	0.6433	0.5204	0.729	0.299
1682	1.085	1.003	-0.6122	0.678	0.4861	0.8554	1.393	1.671	0.6311
1683	0.2336	1.952	-0.9333	1.017	0.755	0.8543	0.8514	1.55	0.79
1684	-0.4331	0.9751	-0.5799	1.51	1.498	1.308	1.805	1.343	-0.05664
1685	-0.6196	1.709	-0.3664		-0.1781	0.6512	0.08828	2.667	0.3469
1686	-0.3729	2.555	-0.2697	0.4505	0.5586	0.1579	-0.385	3.324	0.6636
1687	-1.016	1.122	-0.003281	0.8869	0.365	0.7243	0.3114	1.71	0.04
1688	-0.4814	1.727	-0.9883	0.4619	0.39		0.02641	1.585	0.075
1689	-0.08645	1.452	-1.313	1.497	1.115	2.124	1.131	1.92	0.02
1690	0.5861	2.444	-0.3208	0.05937	0.6075	1.667	1.084	3.172	0.7925
1691	0.2146	0.6528	-0.1122	0.458	0.8161	-0.1446	0.1325	0.4111	-0.06891
1692	0.7392	-0.9527	-1.558	-0.9275	-0.7694	-0.3601	0.387	0.03562	0.9256

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1693	0.4557	-0.5061	-1.391	-0.9209	-0.6228	-0.3535	0.3636	-0.007813	0.9922
1694	0.05527	-0.1466	-0.4416	0.3186	0.2367	-0.05398	0.4531	0.5217	0.06172
1695	0.3886	0.5067	-1.048	0.1619	0.58	-0.7307	0.1264	0.555	-0.475
1696	0.8173	0.2255	-0.4395	0.1206	0.3787	-0.102	0.4052	0.1538	0.2138
1697		1.425	-0.7595	-0.4494	-0.1413		0.02516	1.114	-0.03625
1698	0.9936	0.2917	-0.1733	0.3469	0.375	0.1543	1.201	0.1	0
1699	0.2529	0.6911	-0.1539	0.7263	0.4744	-0.2963	1.151	-0.3306	2.339
1700	-0.4033	1.685	0.01984	0.89	0.6781	0.4074	0.8645		1.583
1701	1.084	0.4117	3.487	0.6569	-0.455	4.084	5.101	0.48	0.78
1702	0.3923	0.2605	2.395	-1.214	-0.9363	2.893	4.8		-0.3413
1703	0.4336	-0.9283	0.6667	0.7369	0.185	3.014	1.411	-0.04	
1704	1.26	-0.592	1.233	-1.247	-1.009	0.5305	-1.152	-0.3538	-0.9438
1705	0.1936	1.292	0.9867	-0.7631	-0.715		0.1714		
1706	0.6436	0.6917		1.477	1.205	1.624	2.881		0.19
1707	-0.4114	0.8667	0.1617	2.182	1.69	1.739	3.016	1.745	0.425
1708	-0.3582	-1.03	-0.675	0.4852	-0.1067	1.393	1.06	-0.1617	-0.01172
1709	-0.7437	1.034	-0.4005	0.02961	-0.3823	0.457	0.2041	1.253	-0.5773
1710	0.03074	0.9189	-0.5061	-0.1259	0.1222	-0.6385	-0.001406	0.3372	-0.06281
1711	0.5971	-0.09469	-1.86	0.4005	0.4386	-0.4621	0.615	-0.2464	0.4936
1712	0.6032	-0.2086	0.2564	0.3966	0.4647	-0.116	-0.2589	0.3197	0.02969
1713	0.37	0.0882	-1.177	0.08336	0.03148	0.1408	0.2879	-0.1535	0.4865
1714	0.6879	0.2961	-1.859	0.3713	0.1594	-0.1213	0.5258	-0.1856	0.7544
1715	0.3503	-0.4716	-1.767	0.5436	0.5417	-0.389	0.05813	-0.4033	0.4967
1716	-0.3293	0.03891	-1.626	0.2841	0.3622	-0.03852	0.2886	-0.2028	0.5772
1717	0.2936	0.5617	-0.5033	-0.3831	-0.355	-0.0257	0.4414	-0.34	-0.51
1718	0.5639	-0.428	0.187	0.3172	0.7053	0.3946	0.4817	0.06031	0.4403
1719	0.6836	-0.3583	0.03672	0.3069	0.415	0.2343	0.3814	6.99E-11	0.21
1720	0.7665	-0.5453	-0.03031	0.9598	0.908		0.2544	-0.207	-0.287
1721		1.024	0.8792	1.299	1.187	0.7768	0.8539	1.072	0.3025
1722		0.3665	-0.3285	-0.5283	-0.5802	0.0591	1.736	0.8148	-0.5352
1723	-0.06395	2.504	-0.4308	1.849	1.337	-0.1932	0.2439	0.9725	1.502
1724	-0.1864	0.06172	1.777	0.8869	1.045	0.0543	0.7814	0.33	-0.18
1725	-0.3205	-0.9223	4.233	0.8228	0.8609	-0.2298	-0.8727	0.4259	0.3159
1726	-0.1477	0.06047	-0.4445	1.156	1.364	0.403	1.1	1.289	-0.3612
1727	0.6636	0.6917	0.4267	1.597	1.315	0.7043	0.04141	0.39	0.13
1728	0.3998	0.618	0.503	0.5631	0.6712	-0.4595	-0.7223	0.1562	0.05625

Table 1

	NORWAY 12-AF	NEW YORK 1	NORWAY 111-BE	NORWAY 27-AF	NORWAY 27-BE	NORWAY 18-AF	NORWAY 18-BE	STANFORD 24	NORWAY 16-BE
	ARRY33X	ARRY50X	ARRY35X	ARRY37X	ARRY36X	ARRY39X	ARRY38X	ARRY40X	ARRY41X
	1	1	1	1	1	1	1	1	1
1729	0.2436	0.8217	-0.08328	-0.3731	-0.245	-0.4957	1.221	0.38	0.06
1730	0.2003	0.5284	0.7734	0.4036	0.3517	0.441	-1.102	0.6267	0.2767
1731	2.658	0.01586	-0.04914	1.931	1.719	-0.9016	-2.984	1.964	-0.01586
1732	1.604	0.001719	-0.6333	1.147	1.005	-1.296	-0.9286	0.44	-0.07
1733	-0.1495	-0.01129	-1.176	0.1439	0.232	-0.3987	-0.1616	0.317	-0.153
1734	-0.06645	1.922	-1.543	-2.153	-2.225	0.3143	-0.4186	2.65	-0.68
1735	-0.8207	2.587	1.722	0.1927	0.0007812	0.1201	0.6372	0.2058	-1.074
1736	0.2217	2.91	-0.3852	-0.765	-0.4469	0.1324	1.5	0.04813	1.748
1737	-0.1697	3.258	-0.9566	-0.1064	0.07172	-0.209	1.438	0.3767	1.577
1738	-2.344	1.184	-0.01109	0.5691	0.2072	-0.02352	1.114	-0.2178	-0.4578
1739	0.7954	0.4736	2.039	0.07875	0.04687	2.556	2.123	-1.288	-0.6581
1740	-1.336	0.5417	-0.4533	-0.3931	-0.025	-0.0157	0.2714	0.21	0.37
1741	-0.4733	1.675	1.51	0.11	-0.2019	-0.1826	-0.4455	-0.08687	-0.5369
1742	0.6586	0.7667	0.01172	-0.5981	0.24	-0.4507	0.7164	0.175	-0.065
1743	0.2707	-0.1211	0.6839	-0.9459	-0.6778	-0.01852	-0.7014	0.01719	-0.07281
1744	0.6686	0.01672	-0.2483	-0.4781	-0.57	0.2893	1.116	0.695	-1.395
1745	0.6686	1.187	0.03172	-0.2181	0.15	0.2193	0.6164	0.625	-0.125
1746	-0.6577	1.28	0.2355	2.356	2.124	-0.267	0.3302	0.1587	-0.03125
1747	-0.4714	-3.363	0.08172	1.142	0.97	0.7093	1.556	0.545	-2.375
1748	1.075	2.533	-0.392	-0.9119	-1.424	-1.484	-1.767	1.781	1.301
1749	-0.8839	-0.4158	-0.04078	-0.2306	-0.2825	-0.5732	-0.1661	0.0025	-0.6475
1750	-0.08645	-0.4783	2.577	-1.523	-1.665	-1.066	-0.1086	-0.78	-1.28
1751	-0.3768	-0.04863	1.806	-0.5335	-0.5054	-1.096	-0.6789	-0.01035	-0.7704
1752	0.5536	0.6717		0.7069	0.545	-0.9957	-0.6086	1.99	0.53
1753	-0.1143	-0.2161	1.259	1.159	1.357	-0.1035	-0.2264	1.502	-2.438

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1	-1.584	0.7445	0.9113	0.2039	-1.414	-1.775	-1.155	-0.1938	0.2712
2	-1.005	-0.1461	0.2606	0.2533	-0.2346	0.6445	-0.4652	1.116	1.041
3	-0.6456	0.2933	1.55	2.553	0.2748	-0.2361	0.7342	-0.165	1.18
4	-0.4056	-0.4367	2.1	2.763	-0.5552	0.2139	0.4142	-0.325	1.01
5	-0.3056	-0.6367	2.29	-0.7373	-1.965	0.01391	-0.5858	-1.615	-0.45
6		0.1473	-1.006	0.3866	-1.821	-0.3021	-0.5018	-0.201	-0.816
7	-0.08766	0.00125	-0.572	0.4806	-0.3873	0.1919	-0.6879	0.283	0.298
8	-0.05063	-0.05172	0.045	0.3277	-1.46	-0.3511	-1.361	0.59	-0.115
9	0.3545	-0.1166	-0.6898	0.7228	-0.3751	-0.9259	-0.7557		-1.03
10	-0.3356		-0.53	-0.8873	0.004766	-0.6161	0.3242	-0.205	-0.14
11	-0.3906	0.5483	-1.445	2.638	0.4598	-0.2411	-1.881		
12	-0.0325	-0.3536		-1.354	2.538	0.007031	-0.8127		-0.7169
13	1.06	0.2791	0.3258	0.5884	-0.2695	-0.1303	-0.35	1.011	0.9858
14	-0.1456	0.1333	0.29	-0.09734	0.1448	-1.616	-0.3958	-0.515	-0.58
15	0.3142	-0.6569	-0.5902	0.0725	0.3646	-0.8262	-0.756	-1.485	-0.6202
16	1.314	-0.2573	0.3794	0.712	-0.6659	-0.7567	0.03355	-0.3356	-0.6706
17	-0.2531	-1.134	-0.3375	-0.8148	-0.1727	-0.3336	-0.9733	-0.3125	-0.2375
18	-1.204	0.0148	1.832	1.164	0.4563	0.4654	-0.0143	-0.6035	-2.928
19	-0.1077	-0.7088		-1.189	0.1027	-0.4181	-0.8979	-2.607	-1.642
20	-1.323	-1.604	0.4325	-0.5948	-0.1227	-0.6336	-0.2733	-1.193	0.2425
21	-0.6716	-1.143	0.09398	-1.053	0.6887	-0.6121	-0.2718	-0.821	-0.406
22	0.9869	1.976	-0.3975	0.1052	0.9673	-1.404	-0.2433	1.337	0.5325
23	0.1931	-1.008	-0.05125	-1.019	-0.4365	0.03266	-0.1971	-0.2063	-0.02125
24	-1.241	-0.9817	-0.665	-1.472	-0.7402	-2.131	-0.8308	0.42	-0.015
25	-0.5081	-0.1492	-0.0825	-1.02	-0.6277	-2.069	-0.6283	0.9625	0.2975
26	-0.3956	-0.3267	-0.33	-1.077	-1.045	-0.9861	-1.296	-0.545	-1.1
27	-0.5304	0.3985	0.1953	-0.6521	-0.08998	-0.6908	0.3094	0.6003	0.2353
28	-1.663	-1.174	-0.1873	-0.9146	-0.7525	-2.243	-0.8031	0.6177	-0.1973
29	-0.4656	-0.1367	-1.39	-0.3173	-0.3152	-0.07609	-0.8858	-0.445	-0.41
30	0.4544	-0.3567	-0.18	1.043	-0.7052	-0.6461	-0.3658	-0.495	-0.31
31	0.5555	-0.6256			-0.6941	-1.045	-0.8147	-0.9439	-1.269
32	0.000625	0.2895	-1.114	-0.7411	-1.889	-0.4498	-1.36	-0.8687	-0.7637
33	0.3899	-0.2612	-0.9545	-1.092	0.2303		-0.9103	-1.559	-0.1545
34	0.878	-0.003125		-0.5337	-0.07164	0.5875	-1.892	-1.061	-0.8764
35	0.7244	-0.8167	1.07	1.203	0.3248	-0.01609	0.2442	-0.615	-0.09
36	-0.2338	-0.6049	0.3518	0.3745	-0.2534	0.9157	-0.01402	-0.2332	0.1018

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
37	-0.3453	0.9936	1.07	0.813	0.4951	0.4542	1.164	-0.01469	-0.1197
38	-2.387	-0.998	1.599	-0.2986	0.2235	0.1027	0.5529	-0.03625	0.2587
39	-2.226	-1.007	1.54	-0.1573	0.2748	-0.1861	0.7042	-0.275	0.06
40	-0.6306	-0.2717	-0.005	-0.3923	-0.8902	1.099	-0.7008	-0.72	-1.195
41	-0.9028	-0.3439	0.02281	-0.4245	-0.9224	0.7967	-0.953	-0.5022	-0.8072
42	-1.155	-0.5256	0.04109	-0.4562	-1.134	1.405	-0.8547	-0.8639	-1.119
43	-0.6431	-0.4742	-0.4275	0.04516	-0.6527	-0.01359	0.4367	-0.0025	0.1425
44	-0.3656	0.2533	0.18	1.353	0.4848	0.7039		-0.315	0
45	-0.4056	-0.5967	-0.7	-1.237	-1.445	-0.8461	-0.5858	-0.335	0.17
46	-0.3484	-0.2195	-0.5527	-1.01	-0.148	-1.639	-0.5486	0.3023	0.1373
47	-0.5345	0.6544	0.7811	-0.2862	-0.03414	-0.805	-0.4147	-0.8839	-0.2889
48	-1.861	-1.992	1.044	-0.393	-0.5909	-0.2618	-0.2515	-0.0607	0.5843
49	-0.5369		-0.8112	0.4314	0.2835	0.2127	-0.00707		-0.4413
50	-0.6556	-1.207	0.59	-0.06734	-0.5652	-0.7461	-0.03582	0.415	-0.4
51	-0.9206	-0.8317	-0.265	0.5477	0.1898	-0.02109	0.9692	-0.06	-0.615
52	-1.006	-0.6467	0.01	-0.3773	0.1448	-1.406	0.1242	-0.495	-0.26
53	0.07031	-1.021	-0.08406	0.06859	0.0007031	-0.07016	0.1001	-1.219	-1.294
54	0.74	1.059	0.1456	-0.3117	-0.2796	-2.39	-1.28	-0.7794	-0.2944
55	-0.3794	-0.5905	0.3562	-0.01109	0.731	-0.9898	-0.1896	-0.5088	-1.024
56	-0.3899	-1.021	1.396	1.018	0.3605	-0.0003906	0.8799	0.2007	-1.334
57	-0.2269	0.352	-0.02125	0.3914	1.114	-0.7473	-0.2571	0.00375	-0.6813
58	0.9294	0.5483	0.245	1.488	-0.02023	-0.08109	-0.5708	-0.03	0.245
59	-0.1244	0.9245	0.7613	1.634	1.016	-0.3748	-0.2546	0.1762	-0.1087
60	-0.3556	-0.1267	0.27	-0.1273	1.335	-0.9461	-0.2658	-0.665	-0.72
61	-0.3784	-1.51	-0.4528	0.6298	-0.648	-1.199	-1.549	-1.928	-1.933
62	-0.3256	-0.7567	0.08	-0.05734	0.2848	-0.1161	-0.5258	-0.985	-1.2
63	-0.1897	-0.7208	0.2459	0.1386	0.0007031	-1.12	-0.6099	-1.039	-1.344
64	-0.2831	-2.314	0.6525	-0.4748		-1.004		-1.853	
65	0.06437	-1.377	3.37E-08	-0.2773	0.05477	-0.2461	-0.4858		-1.17
66	-0.03063	-0.7417	0.255	-0.2723	0.5398	-0.4511	0.04918	-1.04	-0.625
67	-0.3556	-1.337	0.97	-0.2073	0.3548	-0.4361	-0.09582	-0.735	-1.06
68	-0.2406	-0.6117	-0.345	-0.3623	-0.1302	-0.5411	0.03918	-1.03	-0.625
69	-0.9831	-0.6842	0.1625	-0.5648	0.1773	0.01641	-0.2333	-0.4625	-0.1975
70	-0.8156	-1.187	-0.55	-0.3273	0.6548	0.003906	0.7042	-0.275	-0.81
71	-0.8006	-0.9217	0.215	-0.5323	-0.05023	-0.7211	-0.3708	-0.48	-0.285
72	-0.1308	-1.332	0.2348	-0.4325	-1.28	-0.8012	-2.061	-0.7502	-0.2752

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
73	0.002187	-1.009	0.4278	0.0004687	0.4726	-0.1583	0.132	-0.05719	0.1078
74	-1.503	-1.414	-0.3876	-1.315	-1.113	-1.644	0.4966	-0.1326	-0.0276
75	-0.9313	-0.4423	-0.9356	0.04703	-0.8909	-1.982	-1.441	-0.5006	-0.7456
76	-0.7803	-0.6514	-0.9247	0.007969	-1.23	-2.361	-1.851	-1.13	-0.9047
77	-0.4091	0.2698	-0.6034	-0.5608	-0.3687	-0.7295	-0.9293	0.1616	0.6366
78	0.2844	-0.3767	-0.76	-0.8573	0.06477	0.003906	-1.256		-1.42
79	-0.2534	0.5955	-0.1578	-1.265	-0.513	-1.914	-1.854	-1.603	-1.328
80	-0.2229	0.526	-0.08727	-1.195	-0.8725	-0.9234	-2.043	-1.852	-0.4373
81	-0.4556	-0.6267	-0.73	-0.5373	-1.075	-0.7661	-1.506	-1.155	-0.86
82	-1.626	-1.217	0.59	-0.5173	-0.8952	-0.3261	-0.5658	-0.595	0.45
83	-1.746	-1.247	0.66	-0.5773	-0.3352	-0.1661	-0.3158	-0.635	0.02
84	-0.9206	-1.452	0.615	-0.8023	-0.3602	-0.2011	-0.2708	-1.22	-0.965
85	-1.463	-0.5942	-0.3775	-1.865	-0.3827	-1.554	-0.3233	-0.7325	-0.1075
86	-1.866	-0.1067	-0.19	-1.807	-0.5452	-1.526	-0.6158	-0.465	-0.17
87	-2.611	-1.052	0.565	-1.672	-0.8002	-0.01109	-0.1708	1.44	1.595
88	0.1583	-2.383		-0.02344	-0.3113	-0.2222	-0.2819		
89	-0.7506	-1.002	-1.455	-1.302	-1.39	0.6689	-0.6508	2.34E-08	-0.895
90	0.3084	-2.473	-2.946	-1.573	-0.2612	-0.582	-0.7618	-1.231	-0.01594
91	-0.9776	-0.8087	0.02805	-0.3493	-0.1672	-0.948	0.08223	0.113	0.688
92	-0.5863	-1.367	-0.3607	0.05195	-0.9359	-2.137	-0.9965	-0.1757	0.9393
93	-0.8878	0.1311	-1.572	-1.42	-0.2974	-0.8983	-1.158	-0.1072	0.1878
94		-0.9476	0.8691	0.6918	-0.2161	-0.02695	-0.5567	0.5341	0.7291
95	-0.6356	-0.6267	8.60E-09	-0.5573	-0.1152	-0.7661	-0.6058	-1.005	-0.56
96	-0.2156	0.1133	-0.99	-1.097	0.05477	-0.6961	0.09418	-0.035	0.46
97	-0.5056	-0.1167	-0.44	-0.6473	0.2448	-0.4261	0.03418	0.255	0.58
98	-1.766	-1.567	0.4694	-0.718	-0.3459	-0.9467	-0.1764	-1.016	-0.7506
99	-2.426	-0.6373	0.5294	-1.458	-0.2659	-2.037	-0.1864	-0.6956	-0.3206
100	-2.276	-1.627	0.55	-1.657	-0.1552	-1.706	-0.3058	-0.895	-0.4
101	-2.173	-1.735	0.4122	-1.245	-0.423	-1.504	-0.5536	-1.003	-0.3578
102	-2.565	-1.116	0.1311	-2.236	-0.2741	-1.915	-0.6947	-0.8239	-0.2889
103	-1.771	-1.102	0.4944	-1.613	0.04914	-0.9417	0.04855	-0.4206	-0.2956
104	-1.706	-0.7067	1.06	-0.9773	0.2948	-1.286	-0.2158	-0.405	-0.58
105	-1.318	-0.5789	0.3879	-1.439	-0.06738	-1.758	-0.648	-0.4471	-0.3721
106	-1.554	-0.7055	0.1313	-1.186	-0.334	-0.6248	0.6054	0.7662	0.02125
107	-1.901	-0.5819	0.2748	-1.353	0.2996	-0.2613	0.639	0.2198	0.2248
108	-1.148	-0.4195	0.3072	-1.01	-0.07805	-0.9189	0.4814	-0.06781	0.09719

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
109	-1.511	-1.852	0.055	-0.5823	0.3098	0.1089	-0.1608	0.62	1.335
110	-0.8129	-1.144	-0.4973	-0.7946	0.7375	-0.4134	-0.2831	0.3777	0.5627
111	-1.177	-0.8577	-1.051	-1.568	-0.3363	-2.097	-0.7968	0.374	0.479
112	0.1066	0.05555	-0.05773	0.2649	-0.663	-0.8538	-0.2336	0.1373	0.1323
113	-1.553	-1.154	0.1725	-0.9148	-0.07273	-0.5136	-0.2233	-0.6625	0.1325
114	-1.726	-1.817	0.41	-0.6873	-0.7452	0.7239	0.6342	-0.415	-0.74
115	-1.417	-1.378	1.149	-1.339	0.7435	0.9527	0.7429	-0.1363	0.4687
116	-1.501	-1.562	1.005	-1.342	0.4698	1.199	0.7392	0	0.565
117	-1.297	-1.278	1.078	-1.469	0.553	1.282	0.5225	-0.1567	0.5983
118	-1.628	-0.2995	0.5772	-1.64	-0.608	-0.3689	-0.06863	-1.118	-0.9128
119	0.2019	-0.04922	-0.3725	0.4602	-0.7277	-0.7986	-0.7783	-0.0675	-0.0325
120	-0.6952	-1.086	-0.1595	-0.2369	-0.4948	-1.296	-0.6754	-0.7745	-0.7295
121	-0.7756	-0.9167	0	-0.9373	-0.8252	-1.366	0.2242		-1.38
122	-0.3328	-0.2939	-1.367	-0.2945	-0.2924	0.1867	-0.563	-0.03219	-0.5072
123	-0.7334	-0.9945	1.122	-0.7452	-0.07305	-0.5039	-0.1136	-2.223	-1.028
124	0.2494	2.358	-0.835	-0.01234	0.01977	-2.091	0.6192	0.38	0.185
125	0.9173	-1.724	-0.8971	-0.6045	0.1777	-0.4532	0.1871	-1.522	-0.7771
126	0.8506	-0.6505	0.1863	0.5689	-1.049	0.0001563	-0.8796	-0.1088	0.06625
127	0.7716	-0.2695	0.2972	0.3798	-0.478	0.2511	-0.1886	-0.2478	0.09719
128	-0.3711	-0.4622	-0.2455	0.4472	-0.6007	0.05844	-1.061	-0.8405	-0.6955
129	-0.2405	-0.9916	0.8052	0.3678	0.3099	-0.6309	0.3993	-2.75	-1.515
130	-1.007		-0.3912	-0.3486	0.5735	-0.9673	0.5129	0.3437	0.4488
131	0.05938	0.2883	-0.655	-1.142	0.6998	0.1789	0.2392	-0.7	-1.025
132	0.5644	-1.667	0.49	0.4127	0.7948	-1.846	-1.736	-1.575	-1.17
133	0.02531		1.041	0.5136	-0.6743	2.635	-1.845	-1.824	0.03094
134	-0.5834	-1.434	3.082	2.665	-0.563	-0.2338	1.496	-0.4727	-0.7577
135	0.000625		2.646	2.279	-0.159	-0.7698	2.72	-1.449	-0.6537
136	-0.6523	0.03656	-0.2367	-0.3141	0.818	-0.4128	0.4175	-0.2717	-1.087
137	0.03609	-0.175	-0.2483	-0.2656	-0.1035	-0.004375	0.0759	-0.2633	-0.3283
138	-1.708	-0.1687	0.258	-0.5293	0.2928	-0.828	0.6222	-0.437	0.118
139	-1.093	-0.2742	0.1325	-1.105	-0.8727	-1.034	-0.9633	-0.2325	-0.5875
140	-0.5806	0.3983	-0.365	-0.5923	0.5098	-0.4511	-0.1708	-0.03	-0.095
141	-2.463	-1.704	0.9823	-0.9751	0.497	1.576	0.8464	0.2473	-0.4577
142	-1.376	-1.757	-0.19	-2.827	-0.3152	-1.766	-0.8358	0.485	0.33
143	-2.708	-1.13	0.5472	-4.35	0.822	-0.1389	1.551	0.8222	0.5472
144	0.1094	0.2883	-1.355	-2.462	0.7498	-0.4911	-0.02082	0.27	0.015

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
145	-0.2278	-1.419	0.1578	-0.5595	1.543	0.6717	0.782	-0.9772	-0.5222
146	-0.7784	0.0004687	0.1572	-0.7602		-0.8789	0.2214	-0.8878	-0.8928
147	-0.7788	0.5901	0.5868	-2.491	1.002	-0.9893	0.06102	1.012	-0.1732
148	-0.1556	-3.037	1.3	-0.1373	-0.07523	0.3539	-0.6958	-0.875	0.27
149	-2.516		0	-1.687	1.185	-1.616	1.094	0.215	0.34
150	-1.816	-0.847	0.7397	-1.468	0.5945	-0.8964	-0.2061	-0.7853	-0.5703
151	-2.368	-1.36	0.9772	-1.32	0.001953	-1.279	-0.3786	-1.098	-1.213
152	-2.121	-0.9517	0.815	-1.752	0.09977	-1.181	-0.2308	-0.89	-0.965
153	-1.891	-1.372		-1.662	0.1398	-1.381	-0.4008	-0.68	-0.725
154	-2.126	-0.8873	0.8994	-1.528	0.2941	-0.8667	0.8436	0.6644	0.3394
155	-2.146	0.1033	0.75	-2.157	0.4448	-0.2961	0.6542	-0.165	-0.16
156	-2.126	-0.06672	0.77	-2.257	0.3148	-0.5561	0.6042	-0.115	-0.48
157	-1.236	-0.4567	-0.34	-1.867	-0.6052	-1.506	-0.5258	0.215	-0.15
158	-0.8869	-0.648	-1.001	-2.329	0.2135	-1.387	-0.1571	-0.2563	
159	-0.7006	-1.832	-0.505	-1.862	0.2298	-0.3711	1.669	-0.56	-0.535
160	-1.447	-1.138	1.029	-0.7587	0.4134		1.773	-1.186	-1.851
161	-0.4159	-0.357	0.6297	-2.358	0.1445	0.4536	-0.09613	-1.605	-0.6603
162	-0.4717	-1.173	0.7639	-0.5934	0.4387	-0.2422	0.3781	-0.8011	-0.2961
163	-0.6756	0.08328	-0.3	-0.3973	0.7348	-0.4161	0.6642	0.535	0.65
164	-0.5398	-0.4509	0.9558	-0.5516	-0.05945	-0.8703	0.14	0.4908	0.5858
165		-0.5873	0.3794	-0.538	-0.4759	-1.397	-0.2064	-0.01563	-0.3306
166	-0.6256	-0.8767	0.6	-0.2573	-0.4052	-1.056	-0.7058	-0.895	-0.4
167	-0.1456	-0.2367	0.87	0.1027	-0.1952	-0.7061	-0.8058	-2.605	-0.94
168	0.7444	1.073	0.36	0.6327	-0.3552		-0.1758		3.95E-09
169	-0.2077	-1.079	0.5379	-0.1494	-0.0973		-0.007891	-0.7371	-1.482
170	-0.9777	0.2312		-0.1395	0.09266	-2.128	-0.5479	-0.4871	-0.5121
171	-1.466	-0.6867	0.72	-0.5173	-0.4652	-3.136	-0.9758	-0.785	0.56
172	-0.3606	-0.01172	1.005	-0.01234	-1.09	-1.201	-0.9508	-1.34	-0.425
173	-1.597	-2.448	1.928	-0.3591	-1.287		-0.5275	-0.7867	-0.1417
174	-1.206	-1.627	0.6698	-1.367	-0.9454	-0.4962	-0.606	-1.285	-0.7902
175	-0.9186		0.217	-1.33	-1.318	-0.4091	-1.129	-2.338	-0.533
176	0.0368	-0.3143	-0.1276	0.6051	-0.6628	-0.3237	-0.6134	-0.6926	0.8624
177	-1.094	-1.205	1.101	-0.2359	-0.04383	-0.4647	0.4056	-0.5436	-0.1586
178	-1.706	-0.9367	1.36	-0.8073	0.08477	0.07391	0.5142	-0.635	-0.44
179	-0.9921	-2.193	0.2535	-1.274	-0.4417	-0.7626	0.3377	-0.3515	-0.1965
180	-1.696	-1.937	0.47	-1.167	-0.2852	1.124	-0.05582	-0.245	0.09

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
181	-1.487	-2.348	0.4184	-1.319	-0.2469	1.052	0.04254	-0.3566	0.2084
182	-1.816	-0.5267	0.52	-1.277	-0.4952	-2.106	-0.00582	-1.135	0
183	-1.838	-0.309	0.6677	-1.17	-0.3075	-1.878	-0.06809	-0.8673	-0.09227
184	-2.06	-1.171	0.6755	-1.242	0.04023	-0.5406	0.04965	-1.32	-1.225
185	-2.16	-1.352	0.7252	-3.592	-0.3201	-1.361	-0.6207	-1.1	-1.025
186	-2.436	-1.707	0.77	-1.137	0.2248	-1.816	-0.3358	-1.025	0.08
187	-2.988	-2.159	1.228	-1.56	-0.4877	-0.3686	0.2117	-0.0175	0.0975
188	-2.542	-1.533	1.254	-1.323	-0.5113	-1.002	-0.5919	-1.031	0.1839
189	-2.728	-1.749	0.718	-1.309	0.08273	-1.828	-0.3379	-0.827	0.178
190	-2.436	-1.667	0.69	-1.207	-0.4052	-1.736	-0.4258	-1.065	0.11
191	-2.351	-1.262	0.4646	-1.723	-0.2706	-2.051	-0.3512	-1.03	-0.6654
192	-1.31	-1.091	0.6559	-1.271	0.0007031	-0.6602	0.3701	-0.5491	0.04594
193	-1.351	-0.9622	-0.03547	-1.483	-1.301	-0.9716	-1.221	0.4795	1.615
194	-1.59	-1.561	1.036	-1.312	-0.5496	0.8195	0.0198	0.2906	0.8156
195	-1.498	-1.539	0.9779	-1.399	-0.9973	0.6418	-0.007891	0.5929	0.7579
196	-1.335	-1.446	0.7504	-0.9269	-0.3948	0.1444	0.5246	-0.4446	-0.03955
197	-1.501	-0.382	0.5048	-0.2426	0.1395	-0.03133	0.5189	-0.0002344	-0.6852
198	-1.496	-0.6967	0.96	-0.5473	0.1548	-0.2661	0.1642	-0.445	-0.6
199	-1.07	-0.6709	0.00582	-0.3615	0.0005859	-0.7503	-0.16	0.2908	0.3458
200	-0.7206	-0.01172	0.655	0.1477	0.1998	-0.1611	0.2192	0.48	0.135
201	-1.105	-0.3866	0.6602	0.002812	0.3849	-0.1259	0.3343	0.8452	
202	-0.9745	0.01438	0.2711	-0.2862	-0.05414	0.695	0.6253	-0.6639	-0.4389
203	-1.106	0.1133	-0.27	-0.4973	0.01477	0.4939	0.2942		-0.51
204	-1.398	-1.24	1.397	-1.04	-0.188	0.001094	0.2014	0.1522	-0.2128
205	-0.7187	0.1002	-1.213	-2.26	-1.228	-1.099	0.2011	-0.128	0.03695
206	-1.711	-0.5023	-0.2656	-2.063	0.1891	-1.462	0.09855	-0.1806	
207	-0.7928	-1.854	0.4128	-1.155	-0.2924	-0.8633	-0.02301	-0.1122	-0.1372
208	-1.043	-0.4442	0.5225	-0.7248	-0.6527	-1.254	-0.3233	-1.233	-0.2475
209	-0.4909	0.007969	0.2947	-1.013	-0.6305	-1.301	-0.6011	-0.9903	-1.275
210	-0.6056	-0.4167	-0.06	-1.927	-0.9652	-0.8761	-1.156	-0.955	-1.41
211	-1.122	-1.123	0.5733	-1.344	-0.422	-1.523	-0.2125	-0.9717	0.2133
212	-0.81	-0.7411	0.3456	-0.3917	-0.05961	-0.3505	-0.2202	-1.079	-0.6944
213	-0.3206	0.5483	-1.205	-1.852	-1.55	0.008906	-1.411	0	0.155
214	-0.06766	-2.149	-0.522	-1.029	0.002734	0.5219	-0.5879	-1.407	0.338
215	3.367	-1.014	-0.3171	-2.264	2.188	-1.173	-0.7929	-0.7021	-0.3671
216	-1.871	-1.462	0.345	-2.502	-0.4202	-1.071	0.1692	0	-0.035

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
217	-0.8695	-1.691	-0.5339	-1.961	-0.9291	-0.2	-0.6897	-1.479	-0.7739
218	-0.2469	-0.05797	-1.211	-1.479	0.05352	-0.9673	-0.4471	0.08375	0.9787
219	0.05437	-0.5267	-1.2	-1.307	-0.07523	1.524	-1.426	-0.775	
220	0.4044	-0.7267	-1.7	-0.5873	-0.5952	0.4339	-0.8858	-0.645	0.46
221	0.5281	-0.343		-1.014	-0.3415	-0.6123		-0.8013	-0.6562
222	1.534	0.9233	-0.72	-0.2773	1.115	-1.226	-1.116	-1.665	-0.24
223	0.1069	0.07578	-1.558	-1.225	-0.7227	-1.314		0.1275	0.5525
224	0.4127	-0.9084		-0.5491	-0.847	-0.02781	-1.568	-3.917	-1.362
225	0.08844	-0.2027	-1.956	-1.303	-0.7112	-0.492	-1.652		-0.8159
226	0.7194	0.1283		-2.292	0.5398	-0.8811	-0.9408		-0.845
227	0.01937	0.03828	-1.095	-2.042	-0.1802	-0.5211	-0.4008	-1.88	-0.915
228	-0.9756	-0.9867	-0.8	-1.307	-0.5352		-0.3358	-0.465	0.11
229	-0.4256	-0.7367	-0.46	-1.397	-0.3152	-0.9961	-0.5958	-0.185	-0.4
230	-0.2553	-0.04641	-0.7797	-0.927	-0.5949	-1.816	-0.06551	-0.8047	-0.6697
231	0.2002	0.2791	-1.664	-1.511	-0.7594	-0.9702	3.91E-05	-0.9791	-0.4941
232	-0.5906	-0.5517	-1.535		-2.06	-0.5111	-0.2008	0.15	0.165
233	-0.2925	0.5164	-1.227	-1.564	-2.292	-0.002969	0.007305	0.09812	0.3731
234	-0.4956	-0.5667	-1.9	-0.5073	-1.255	-1.336	-0.7158	1.055	0.87
235	-0.6087	-0.9498	-1.023	-0.2904	-0.9583	-0.2691	0.3111	0.482	0.507
236	-0.2263	0.4527		-0.728	0.7841	-1.757	0.6836	1.574	0.3794
237	-1.28	0.7689	-1.664	-0.9317	-1.19	-0.8405	-0.3702	0.6306	0.2856
238	0.3422	0.1911	-1.562	-1.41	-0.1574	-0.3183	-0.958	-0.1872	-0.4222
239	-0.3109	-0.712		-1.663	-0.4505	-0.4714	-0.3611	0.5797	0.4347
240	-0.01438	0.3245	-1.549	-1.116	-0.364	-0.8648	0.1554	0.2262	0.1913
241	-0.1395	0.3095	-1.694	-1.201	-0.1691	-0.8299	0.3104	0.4212	0.1462
242	0.6244	-0.8767	-0.96	-1.097	-0.3552	-1.006	-1.356	0.385	0.14
243	-0.4644	0.2045	-0.7687	-0.1961	-1.624	-1.005	-0.5146	-0.3238	-0.2288
244	-0.4551	-1.146	0.5805	0.3032	-0.4047	0.8445	-0.1353	-0.2445	0.5705
245	-0.1981	-1.019	-1.642	-1.59	-1.258	-0.6186	-0.5083	0.3925	0.3275
246	-1.401	-1.872	-2.305	-2.153	-1.851	-0.7516	-1.441	-0.3005	-0.7255
247	0.5962		-1.758	-0.3256	-0.6035	-0.6843	-1.774	-1.223	-1.358
248	-0.7615	-1.403	0.004141	-0.7932	-0.9011	-0.762	-0.5417	0.6191	0.3641
249	-0.5106	0.9883	-1.725	-1.752	-0.9802	0.2689	-0.3808	1.13	1.165
250	-0.5987	2.63	-1.233	-1.56	-1.278	-0.7191	-3.279	-0.228	-0.293
251	-1.507	-0.07844	-1.712	-0.6591	-2.057	0.4722	-0.1075	1.553	0.7783
252	-0.4606	0.01828	-1.355	-0.9623	-2.23	0.6889	0.2292	0.98	0.285

Table 1

	NORWAY 39-AF	NORWAY 39-BE	NORWAY 15-AF	STANFORD 17	STANFORD 35	NORWAY 14-AF	NORWAY 14-BE	NORMAL	NORMAL	NORMAL
	ARRY27X	ARRY26X	ARRY47X	ARRY49X	ARRY48X	ARRY5X	ARRY4X	ARRY6X	ARRY8X	ARRY7X
	1	1	1	1	1	1	1	1	1	1
1189	0.6728	1.557	1.191	0.9171	1.083	-1.217	-2.531	-0.9216	-0.5874	-1.116
1190	0.2973	1.302	-0.3949	-0.0584	-0.9027	0.2373	-0.8464	-0.747	-0.5829	-1.081
1191	-0.6844	0.6	0.3734	-0.4301	-0.4144	-0.5844	-1.168	-0.6887	-0.3246	-0.3731
1192	-0.2191	0.8553	0.5487	-0.5048	-0.8991	-0.4691	-0.9728	-1.013	-0.2993	-0.1178
1193	-0.8661	0.5983	0.4116	-0.2018	-0.1261	-0.4861	-0.7898	-0.8605	-0.4863	-0.09484
1194	-0.24	0.2544	0.2877	-0.2157	-0.29	-0.61	-0.7437	-0.8644	-0.5202	-0.1888
1195	-1.026	0.01875	0.3821	-0.8014	-0.4856	-0.2356		-0.59	-0.5458	-0.3444
1196	0.2059	1.51		-0.2898	0.6059	-0.4941	-0.4978	-0.8884	-1.284	-0.7728
1197	0.015	0.9194	-0.5073	-0.1107	1.415		-1.439	-1.089	-0.4452	-0.1337
1198	-0.03219	0.9422	0.3855	0.3421	1.018		-0.5359	-0.7866	-0.3924	-0.4209
1199	-0.47	0.8044		0.4743	0.19	0.31	-1.074		-0.5802	0.02125
1200	-0.3959	1.459	0.3219	-0.6616	0.6241	-0.6259	-1.32	-0.3502	-0.3961	-0.6046
1201	0.155	1.479	0.7827	-0.4407	1.215	-0.875	-1.449		-0.8252	-0.6837
1202	-0.2641	0.3202	0.2136	-0.3699	0.6459	-0.3141	-1.688	-0.09852	-0.6143	0.007109
1203	0	1.444	0.6977	-1.186	-0.33	-1.55	-1.814	-1.234	-0.9702	-0.8388
1204	0.6175	2.222	3.265	-1.828	0.4075		-2.156		-1.713	-0.3612
1205	0.3991	1.664	2.237	-0.2766	0.4891	-0.6409	-1.025	-0.1052	-1.181	-0.5296
1206	0.1283	1.863	0.956	-0.6275	-0.1917	-0.02172	-1.375	-0.4961	-0.4619	-0.9805
1207	0.2298	0.2341	0.9375	0.614	-0.07023	-0.7702	-1.334	-1.245	-1.41	-0.839
1208	0.49	1.544			0.49	-1.73	-3.084		-1.9	-0.5188
1209	0.005	1.259	1.003	-1.211	0.245	-1.405	-2.639	-1.619	-2.225	-1.914
1210		0.6027	0.626	-0.8175	0.3883	-1.432		-2.016	-2.112	-1.81
1211	0.3104	0.3448	1.508	-0.1453	0.9104	-0.9396	-1.243		-1.77	-1.158
1212	0.05516	0.4295	1.653	-0.1406	0.6752	-0.8948	-1.319	-1.759	-1.965	-1.434
1213	0.3856	-3.73E-11	1.453	-0.2701	0.9756	-0.2944			-2.495	-2.313
1214	0.23	0.9644	0.4177	-0.8257	-0.57	-0.24	-1.524	-1.834	-0.8902	-2.019
1215	0	1.474	0.4677	-1.386	-1.07	-0.25	-1.874	-1.694	-1.35	-1.419
1216	0.1011	0.7955	0.4988	-1.255	-1.219		-1.643	-1.653	-1.279	-1.348
1217	-0.01887	0.9855	0.1089	-0.7046	-0.3789	-0.7089	-1.303	-1.163	-1.299	-0.9776
1218	0.0225	0.6469	-0.3998	-0.5932	-0.1275	-0.8075	-0.9712	-2.362	-0.7977	-1.276
1219	-0.2766	0.5377	-0.3089	-1.542	-0.6166	-0.1666	-0.9904		-0.07684	-0.2054
1220	-0.004844	0.8695	0.8329		-0.6148		-1.069		-0.775	
1221	0.1556	0.44	-0.4066	-0.2001	-0.3744	-0.004375	-0.1181	-0.09875	0.1654	-0.09312
1222	-0.5397	0.09469	-0.452		-0.5097	-0.7897	-1.153	-0.9041	-0.8799	-0.8184
1223	0.23	0.1944	-0.4323		0.42	-0.19	-1.104	-0.09437	0.1798	0.2113
1224	-0.1377	1.337	0.78	-0.6135	-0.5377	-0.1877	-1.641	-0.4821	-0.6179	-0.6565

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
253	-0.1256	-1.367	0	-0.2673	0.03477	-0.3661	0.3542	-0.315	-0.13
254	-1.041	-0.7818	-0.4851	-0.2224	0.01969	-0.8312	1.229	-0.5401	0.7349
255	-0.3834	-0.1045	-0.5078	-0.09516	0.847	-0.6039	0.4964		-0.5178
256	0.358	0.006875	-0.2964	0.6862	-0.3016	-0.3025	1.068	0.1886	0.02359
257	-0.9188	-0.7299	-0.3932	-0.4405	0.8916	-0.1593	0.701	1.332	-0.9532
258	-1.107	-1.378		-0.5791	0.03305	-0.8678	1.192	0.9433	-1.352
259	-0.9163	1.233	-0.3106	-0.528	3.954	0.4033	2.394	0.9144	
260	-0.5269	1.492	-1.061	-1.159	3.214	-0.5573	1.803	0.6037	0.9288
261	-0.6831	-0.5942	-0.3875	-0.01484	-0.6627	2.356	0.4467	1.177	1.903
262	-0.2317		-1.076	-0.003437	2.329	1.088	-0.8219	-0.3411	0.5739
263	1.56	-0.3906	-1.074	-1.091	-1.579	-0.87	-0.2697	-0.008906	0.08609
264	0.07937	-1.562	-1.055	-1.322	-1.07	0.08891	-0.09082	-0.17	0.225
265	-0.7373	-2.348		-1.509	1.983	0.5822	-0.8675	0.2633	0.4483
266	-1.383	-1.044	-0.02719	-1.745	-0.1224	1.157	1.607	0.4578	0.6728
267	-0.1282	0.05068	-0.4726	0.3501	-0.3378	1.711	0.9016	0.3324	0.3174
268	-0.6696	0.5193	-0.01395	0.2687	0.8108	1.98	0.9802	-0.3689	-0.8639
269	-1.383	-0.04453	-0.07781	-0.3452	-0.313	-0.7639	1.896	-0.2928	0.4722
270	-0.502	-0.4831	-0.3664	0.5563	-0.1516	1.448	2.588	-0.06141	1.084
271	0.000625	0.9695	-1.064	-1.131	0.321	0.3802	0.7804	-0.2287	0.1563
272	-0.2156	0.4933	-0.91	-0.4673	-0.8952	-0.1361	-0.7258	0.295	0.33
273	0.2702	-0.4709	0.6859	-2.061	-1.349	-0.1202	3.91E-05	-0.03914	-0.8541
274	1.214	0.4924	0.009141	0.6118	0.9839	-0.707	-0.3767	-0.6559	-0.6109
275	0.1844	1.033	-0.21	-0.2273	-0.2552	-0.2661	0.2042	-0.705	-1.27
276	1.497	0.1654	-0.6679	-0.3952	-0.4831	-0.4739	-0.3337	-0.1529	-0.01785
277	0.5844	-0.3767	0.09	-0.9573	-1.005	-1.726	-1.446	-0.985	-1.71
278	-0.06625	-1.207	0.2994	0.842	-0.5859	-1.277	-0.6464	-0.5756	0.1694
279	1.572	0.08109	-0.5922	0.2005	-0.1974	-0.9083	-0.588	-0.2172	-0.08219
280	-1.146	0.5133	0.08	-0.9173	-0.4152	0.06391	0.5242	-0.105	0.15
281	0.7644	-1.437	-0.75	-0.5373	0.4448	-0.7761	1.934	-1.095	-0.78
282	0.1322	-0.3489	-1.102	-0.1695	0.3726	0.9417	0.332	-1.457	-0.1322
283	0.5791	0.158	-0.4553	-0.6327	1.209	0.4386	0.008867	-0.2503	-0.06531
284	-1.316	-0.8467	0.11	-0.6573	-1.575	0.07391	1.174	-2.505	-1.46
285	-0.5784	-0.4895	-0.1228	-0.3502	-1.038	1.581	1.251	-0.4878	-0.4428
286	-2.013	-1.644	-0.9775	-0.8748	-1.403	-1.344	-1.713	-0.6025	-0.4375
287	-1.36	-2.621	-0.7245	-0.8118	-1.06	-0.6306	-1.22	-0.5995	-0.1445
288	-0.7663	-0.9573	0.3194	-0.738	1.234	1.063	0.9236	1.224	0.7894

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
289	-1.292	-0.493	0.1738	-0.1036	0.4485	0.1277	0.5379	-0.4513	
290	-0.0201	-2.351	0.7655	-0.3318	-3.42	4.569	-1.42	1.901	1.626
291	-1.08	-2.021	-0.5841	-2.121	-1.659	4.3	3.91E-05	0.9909	1.926
292	-0.3556	0.4633	-0.62	-0.6673	-0.2352		-1.386	0.525	0.88
293	-1.007	-0.5381	0.2186	-0.2287	1.093	1.513	1.673	0.02359	0.6586
294	-1.416	-0.8067	-0.75	-0.8173	-0.6752	0.9339	1.154	0.445	0.14
295	-1.426	-1.467	1.21	0.1527	0.1448	0.9739	-0.2758	-0.245	-0.89
296	-1.251	-1.162	1.255	0.1775	0.1296	0.9887	0.349	-0.2102	-0.0752
297	0.006094	-0.515	0.07172	0.08438	-0.6335	-1.034	1.016	0.5167	0.7617
298	-0.2256	-1.197	0.62	-0.02734	0.2848	1.034	1.264	0.375	0.76
299	-0.4678	-0.4089	-0.5022	0.0004687	-0.8274	0.8717	2.692	1.183	0.5778
300	0.4569	-1.344	-1.598	-1.135	-0.2827	-0.1936	-0.8533	-0.8525	0.6425
301	-0.8056	-0.9567	-1.21		-0.5152	-0.6161		-1.445	0.57
302	-0.5437	-0.2748	0.992	0.9146	-0.1233	-0.1341		-0.303	0.182
303	-0.7631	0.4358	0.5525	2.715	3.587	-0.2436	1.057	-2.333	-1.168
304	-0.3398	0.3491	0.7958	0.5485	-0.3894	-0.1203	-0.6	0.2308	-0.4942
305	-0.2956	0.3733	0.94	0.6127	-0.4452	-0.1461	-0.5358	0.355	-0.25
306	-0.2813	-0.9923	0.3044	0.707	-0.8209	-0.7617	-0.3114	0.6094	0.5244
307	-0.3556	0.6433	-0.7	0.06266	-0.4552	-0.1261	0.5742	0.635	0.29
308	-0.4683	-1.409	0.5573	0.14	0.002109	-0.09875	-0.01848	-1.128	-0.5727
309	-0.6981	0.8808	-1.262	-1.24	-1.488	-0.08859	0.1817	0.8425	0.0675
310	-0.541	0.1679	-1.385	-1.473	-1.161	0.7786	0.5588	1.47	0.05465
311	-0.2253	0.9236	-1.04	-1.187	-0.8549	0.7642	0.06449	1.445	0.7803
312	-0.4756	1.013	-1.12	-1.157	-1.055	0.9139	0.3542	1.395	0.48
313	-0.2613	0.2677	-1.226	-1.033	-0.9109	0.7583	-0.1514	1.069	0.004375
314	-0.1795	1.009	-0.8339	-0.5512	-0.8491	0.65	0.09027	1.501	0.6561
315	-0.1153	0.8836	-0.8796	-0.847	-0.6949	0.7143	-0.03547	1.365	1.1
316	-0.9556	-1.247	-0.98	-0.7873	-0.5152	1.314	3.774	1.245	0.82
317	-0.2731		-0.5375	-0.5048	-0.8827	0.1764	0.6467	0.2775	0.4825
318	-0.2956	0.8433	-0.17	0.9627	-0.1252	-0.2161	0.2942	0.745	0.39
319	-0.9806	-0.5917	0.505	-0.6623	-0.01023	-0.5711	0.4592	1.29	1.555
320	-1.678	-0.5194	0.9873	-0.66	1.502	-0.5187	1.152	0.8823	0.7773
321	-1.308	-1.55	-0.2528	-1	-0.06805	1.031	0.6914	0.8122	1.247
322	-0.1206	-0.1417	-0.055	-0.002344	0.1798	-0.2111	-0.6508	0	-0.205
323	-0.5298	-0.4409	0.8058	0.1084	0.2605	1.05	0.48	-0.1192	-0.2242
324	-0.9756	0.6333	-1.04	-0.8873	1.925	0.8139	-0.1558	0.765	1.39

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
325	-0.8006	1.078	-1.105	-0.7723	1.75	0.9789	0.2392	0.9	1.305
326	0.543	-0.1781	-1.311	-1.059	0.1934	0.2325	-0.1272	0.4536	0.6886
327	0.06656	0.2155	-0.6678	-0.6652		2.116		-0.8628	
328	0.006562	-0.5945	-0.1278	-0.2652	0.957	2.836	0.1564	-0.9728	-0.5278
329	0.04437	-0.2867	-0.44	-0.4373	0.6448	2.234	-0.2058	-0.595	-0.81
330	-0.02344	-0.4045	-0.07781	-0.1252	0.927	3.146	-0.04363	-0.7828	-0.6378
331	-0.6756	-1.367	-0.33	-0.8973	-0.1952	-0.2161	-0.4958	-1.165	-0.85
332	0.5569	0.5058	-0.4275	-0.1748	0.6073	-0.5936	-0.4133	0.0075	0.1125
333	-0.7006	-0.3017	0.115	-0.4723	0.4198	1.629	0.00918	-0.06	0.335
334	-0.2356	-0.8767	1.13	0.1027	-0.4552	-0.1061	-0.4358	0.725	0.62
335	-0.8995	-0.3106	-0.3639	-0.1412	-0.02914	1.53	-0.3597	1.071	1.326
336	-1.78	-1.951	1.025	-0.8521	2.43	-0.8108	-0.5806	0.3403	-0.07475
337	-1.248	-0.5692	0.6175	-0.7498	-0.1777	-0.7386	-0.2883	-0.5975	-0.1425
338	-0.6899	0.519	0.6057	-0.001641	0.7405	0.7996	0.1299	0.3607	0.3957
339	-1.736	-0.6167	0.49	-1.627	-0.5552	-0.7861	0.7542	0.125	-0.32
340	-1.116	-1.397	0.5	-0.6973	-0.5152	1.624	0.2242	0.255	0.92
341	-0.4506	-1.322	-0.425	-1.422	-0.9802	0.3489	0.2692	0.53	1.025
342	-0.06422	-0.5153	-0.3886	-1.146	-1.114	-1.425	-1.704	-0.3336	-0.8686
343	-0.5501	-0.7412	-0.4845	-0.8018	-0.8497	0.2695	0.7197	1.001	0.4455
344	-0.6456	-0.6867	-0.3	-1.147	-0.6252	0.7239	1.254	0.725	0.4
345	-0.1784	-0.2095	-0.5328	-1.19	-0.498	-1.509	-0.4186		-0.8228
346	0.09437	-1.127	-0.77	-1.667	0.3148	-0.1361	-0.5858	-1.245	-1.21
347	-0.8256	-2.547	-0.05	-0.8673	0.4048	-0.6561	0.2542	-1.595	-0.68
348	1.112	-1.389	0.1078	-0.3395	-0.2174	0.5417	0.122	-0.4872	-1.132
349	-0.3681	-1.059	0.2675	-0.2298	0.07227	0.6414	-0.1083	-0.5475	-0.4725
350	-0.4256	-0.6867	-0.41	-0.2373	0.2048			-0.165	-0.5
351	-0.3398	0.1791	0.2258	-0.2016	0.1505	0.05969	-3.91E-05	-0.01922	-0.09422
352	-1.072	-1.563	-1.087	-1.934	-1.162	-1.423	-0.9023	0.6985	0.5535
353	-0.3456	-1.037		-0.9373	-1.005	-0.6761	-0.2058	0.765	0.54
354	-1.031	-0.6217	0.055	-0.3423	-0.1302	-1.141	1.749	1.08	0.505
355	-1.353	-1.644	0.4225	-1.095	0.2873	-0.09359	0.3867	-0.4825	-0.1875
356	-0.1277	0.2113	-0.332	-0.7894	-0.1973	0.4519	0.4221	0.343	1.108
357	-0.1284	0.0004687	-0.2928	-0.3102	-0.148	0.02109	0.1414	0.8522	1.027
358	1.347	-2.274	-0.7777	-1.005	-1.343	3.156	1.656	1.407	2.492
359	1.241	-1.4	-1.074	-1.071	-1.169	3.02	1.571	1.331	2.476
360	-0.8017	-1.133	-0.6461	-1.063	-0.1713	-0.1122	0.2381	0.1289	0.1539

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
361	-0.3306	-0.4617	-1.295	-1.142	-2.11	-0.4711	-0.3108	0	0.245
362	-0.5995	-0.2606	-0.5339	-1.011	-0.5191	-1.29	-0.3697	0.4511	0.3561
363	0.6569	-0.2442	-0.4975	0.4252	-0.9827	-0.5636	-0.9533	0.1375	-0.2675
364	-0.5331	-0.08422	0.1725	0.7652	-0.5027	-0.1936	-0.7733	-0.1525	-0.5175
365	-1.366	-1.567	1.06	-0.1773	-0.07523	0.9139	0.09418	-0.855	-0.78
366	-0.3253	-0.5464	-0.1097	-0.357	0.005078	-0.4258	-0.1255	0.4253	0.3203
367	-0.9456	-1.157	0.39	-0.4273	-0.2252	4.424	-0.2158	0.265	1.19
368	-0.4071	0.3018	-0.1915	-0.5988	-0.4667	1.572	0.5727	0.7535	0.4285
369	0.2544	2.733	-0.68	-0.6473	-0.8352	-0.6261	-0.6158	-1.405	-1.07
370	-0.04375	2.455		-0.6655	-0.5534	-0.8142	-0.7939	-0.2031	-0.5781
371	1.144	-0.3067	0.36	0.7627	-0.5352	0.5839	0.06418	-1.505	-0.95
372	0.3303	-0.8508	-0.2541	0.1886	0.0007031	0.9998	1.34	-0.02906	0.5359
373	-0.5856	-0.7067	-0.36	-0.2873	0.3148	0.4139	0.4942	-0.305	0
374	-0.2842	0.01469	0.1614	0.3841	-0.3838	-1.075	-0.3344	-0.01359	-0.4286
375	1.797	-0.3445	-0.2578	-0.7652	-1.513	-0.7339	-0.6736	-0.8628	-0.6278
376	-0.02125	-0.9523	0.1544	-0.593	-0.3809	-0.6217	-0.7714	-0.3306	-0.07563
377	-0.1556	-1.467	0.78	-0.7573	0.4648	0.05391	-0.3058	-0.985	-0.35
378	-1.296	-1.137	-0.88	-0.07734	-1.135	-0.07609	-0.6458	-0.775	-0.86
379	-0.4784	-0.06953	0.05719	0.2698	-0.03805	-0.9789	-0.03863	-0.1078	-0.1828
380	-0.5897	-0.4608	-0.1541	0.4386	0.0007031	-0.8902	-0.7299	-0.2791	-0.4541
381	-0.4531	-0.3642	-0.2675	0.1552	-0.1427	-1.804	-1.303	-0.3825	-0.4175
382	-1.727	-0.228	0.3888	-1.429	-0.3865	0.9727	-0.1271	-0.2663	0.2087
383	0.003633	-0.6075	-1.271	-1.208	-0.356	0.4132	1.623	-0.1457	0.2193
384	0.05008	-0.581	-0.8343	-0.5116	-0.2495	0.3596	0.2299	0.5307	0.4057
385	0.03687	-0.4842	-0.7375	-0.6048	-0.4027	0.8364	0.6567	0.6575	0.8025
386	0.1144	-0.6567	-0.37	-0.5473	-0.2052	0.6539	-0.5658	-1.295	-0.19
387	0.3331	0.472	-0.01125	1.121	0.6035	-0.4573	0.3429	0.3437	0.03875
388	-0.06563	0.5533	0	0.7227	0.3648	-0.7061	0.9642	1.305	0.58
389	0.2905	0.1695	0.4562	1.409	1.051	0.1801	-0.08965	0.6212	0.6362
390	-0.03992	0.349	0.3057	0.8584	0.6905	0.4796	-0.3601	0.0007031	-0.2543
391	0.3775	-0.4836	-0.08687	-0.9542	-1.442	-0.363	0.2773	-0.4619	0.1831
392	0.9816	0.1805	0.2172	-0.1402	-0.168	-0.3589	0.7114	1.262	0.8772
393	1.033	1.552	0.2984	2.741	0.8331	0.1023	-0.2075	0.7734	1.068
394	-0.7784	0.0004687	0.1472	0.5198	0.532	0.7911	1.631	1.132	1.187
395	0.9033	-0.4178	-0.3811	0.01156	-1.226	0.05281	0.7231	1.134	0.5389
396	-0.3092	1.35	-0.3836	1.009	-0.7988	0.08031	0.7806	1.251	0.9464

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Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
397	-0.2689	0.2	0.4267	0.3994	0.03148	-0.3394	-0.8591	0.7117	1.147
398	-0.3356	-0.2267	0.42	-0.6173	0.5248	1.684	2.014	-0.085	-0.3
399	-0.6034	-0.2045	-0.1078	-0.8752	-0.133	1.386	-0.2036	0.2872	0.4022
400	-0.8656	-0.9667	0.02	-1.057	-0.4752	-0.1561	0.1542	-0.595	-0.74
401	0.06437	-0.9967	-1.12	1.963	0.06477		-1.206	1.785	1.51
402	-0.5494	-0.9005	-0.3637	1.599	-0.909	-1.05	-1.25	1.341	1.316
403	-0.7556	-0.1967	-0.43	-0.7073	-0.5052	0.9139	-0.09582	-0.775	-0.67
404	-1.238	-2.229	-0.9925	-1.1	-0.2577	2.271	-0.5283	-1.277	-0.5325
405	-0.003125	0.5758	-1.347	0.4652	-1.003	-0.07359	-0.5533	0.7375	0.8825
406	-1.178	-1.589	-1.522	-2.689	-1.777	-0.8581	-0.7778	0.483	0.548
407	-0.2456	0.1833	-0.17	-0.04734	-0.8352	-0.4161	0.09418	-0.035	-3.78E-09
408	0.1705	-0.1206	-0.2139	0.1888	-0.3391	0.17	-0.009727	-1.259	-0.5239
409	0.2844	0.8133	0.34	1.513	0.6848	0.1939	-0.4158	0.185	0
410	0.2556	0.5645	0.6313	0.9339	0.766		-0.06457	1.096	0.8713
411	-1.206	-1.897	-0.87	-1.477	-0.5952	0.09391	2.784	2.115	0.65
412	0.2272	-0.1639	0.2028	0.3455	-0.1424	-0.8533	0.747	0.7578	0.6428
413	0.2057	0.03457	-0.6387	0.05395	1.536	-1.105	-0.2345	0.7463	0.6613
414	0.3849	-0.08621	-1.899	0.3332	0.1153	1.604	0.1847	-2.044	0.5205
415	-0.6556		-2.91	-2.047	1.665	3.324	3.334	1.975	1.91
416	0.1378	-1.463	0.5334	-0.4639	0.3382	0.6573	0.2076	0.1184	-0.2066
417	-0.5895	-0.2706	-1.284	-1.551	-0.7791	0.31	-0.09969	0.6411	0.6061
418	-0.2456	-0.4467	-1.13	-0.5773	-0.4852	1.584	-0.8758	0.965	0.69
419	-0.06938	-0.6605	0.00625	-0.6211	-1.589	0.5602	-0.2496	0.8212	1.026
420	-0.05563	-1.277	-0.42	-1.737	0.004766	0.6439	2.094		0.16
421	-0.2756	0.4333	-0.98	-1.177	-0.3752	1.034	1.314	1.305	1.88
422	-0.2869	-0.08797		-0.5886	0.5935	0.07266	0.7429	1.494	1.189
423	-0.4156	-0.7567	-0.54	-0.1773	-0.6952	1.804	3.254	2.725	2.53
424	-1.226	-1.337	-0.35	-0.2173	-0.9652	1.354	0.3942	0.455	0.71
425	-0.9956	-4.227	0.03	-0.7173	-0.5952	2.164	1.184	0.855	0.94
426	-0.6184		0.01727	-1.55	-1.518	3.091	3.211	4.042	4.007
427	-1.117	-1.988	-0.5612	-3.889	-2.376	4.613	1.803	2.014	1.659
428	-0.3769	-1.548	0.1187	-2.879	-3.166	2.263	0.9329	3.384	2.969
429	-0.5406		-0.125		-2.74	2.079	0.5492	3.09	2.915
430	0.1669	-2.274	-0.3375	-2.285	-1.863	0.9264	2.677	2.437	2.652
431	-0.085	-1.166	-0.6494	-1.827	-1.305	0.7645	1.995	2.266	1.851
432	0.3094	-1.092	-0.555	-1.742	-0.8902	0.4889	2.109	2.62	2.295

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
433	-0.3581	-2.109	0.1975	-2.42	-0.6677	1.731	1.492	-1.168	-1.453
434	0.176	-0.1051	-0.2984	-2.506	-0.003594	0.9855	0.6458	0.9566	0.6016
435	0.25		-0.4844	-0.6217	-0.2396	2.63	0.6498	1.161	1.706
436	0.3203	-0.9208	-0.07406	-0.3614	0.0007031	3.4	1.2	1.461	2.246
437	0.5244	-0.3367	-0.97	-0.5673	0.004766	2.434	0.4242	1.345	2.2
438	-0.2978	-1.859	1.358	2.021	0.6126	-0.7682	-1.028	-1.157	-1.292
439	-0.4134	-0.9145	-0.3277	-1.105	-0.763	0.07617	0.1464	-0.5227	-0.3877
440	0.03437	-1.577	-1.15	-1.497	-0.5852	0.1839	-0.7858	0.715	0.92
441	-0.09563	0.4333		-2.227	0.6348	1.784	-0.1858	0.415	0.01
442	-0.6306	-0.7217	0.175	0.1877	0.01977	0.07891	-0.1508	0	-0.615
443	-0.05109		0.2245	-0.6828	-1.221	-0.2816	-0.4513		-1.285
444	-0.7056	-0.9167	0.05	-0.02734	0.3148	0.9939	0.1342	0.385	0.19
445	-0.9206	-0.6617	-0.275	-0.7623	-0.4402	0.4289	-0.5308	-0.12	-0.095
446	-0.1908		-0.8952	-4.083	-1.57	2.279	1.729	2.43	2.675
447	0.07687	0.1558		-0.3548	-0.3927	0.2764	-0.3233	-0.0125	-0.5375
448	-0.1873	-0.9684	-0.1316	-0.199	-0.2669	0.2223	1.303	0.3334	0.3584
449	0.04367	-0.8074	0.1093	0.222	-0.3259	-0.0868	0.5935	0.1143	0.2093
450	0.0275	-0.4036	-0.02687	-1.274	0.1079		0.5573	1.378	0.5731
451	0.3119	-0.1292	0.6075	0.3602	1.262	0.5214	0.6317	-0.0175	0.1475
452	0.2001		-0.7743	-0.1216	0.8005	0.06961	0.3199	-0.3593	-0.0843
453	0.7444	-1.337	-0.79	-1.267	-0.4052	-1.766	0.05418	0.315	0.18
454	-0.5408	-0.1619	1.115	0.5975	-0.2304		-0.101	0.8998	0.4248
455	-0.006875	-0.268	-0.4712	0.2814	-0.3065	0.3927	-0.4271	-0.2663	-0.3313
456	-0.2677	-0.5787	-0.862		-0.5673	-0.06812	-0.2479	3.323	2.788
457	-1.023	-0.2336	0.6031	-0.3042	0.5979	0.03703	0.6973	0.6181	0.2931
458	-1.521	-1.522	0.405	0.1077	-0.03023	-0.7611	0.4192	-0.4	-0.885
459	-0.6056	-0.6967	0	-0.3473	-0.7852	3.214	1.844	0.655	-0.4
460	0.968	0.02688	-0.7864	-0.7437	1.508	2.648	1.638	2.119	0.8936
461	-0.1256	-0.3667	-1.11	-0.6673	-1.485	-0.4761	4.274	0.835	-0.13
462	0.1894	-1.302	-0.125	-0.7223	-0.9902	0.1189	2.579	1.46	0.925
463	-0.7634	0.1355	0.3622	0.9948	-0.103	0.07609	0.1464	0.3972	0.1822
464	-0.07563	0.2933	1.12	2.353	0.9148	1.644	0.5142	-0.515	-0.16
465	0.1398	0.8687	0.5554	1.368	1.29	0.6993	0.1296	1.18	1.115
466	0.2483	0.5472	-0.2761	0.6566	0.4187	0.02781	-0.3219	-0.6511	-0.3161
467	-0.3356	0.2433	-0.55	-0.3973	0.01477	0.2639	0.1542	0.305	-0.01
468	-0.04711	-1.128		-1.489	-0.6967	0.08242	-0.4573	-2.326	1.319

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
469	-0.8006		-0.685	-1.612	-1.58	0.1189	1.029	-0.13	0.775
470	-0.1644	-0.9955		-1.956	-0.924	-0.004844	0.2254		0.4913
471	-0.06949	-0.06059	-0.8539	-0.6012	-0.7891	0.49	0.7603	0.2511	0.5961
472	1.324	-0.1467	-0.68	-0.2473	-0.4952	0.5639	-0.03582	-0.115	0.31
473	-1.336	-1.717	-0.08	-0.4973	-0.9852	3.324	0.3842	1.635	1.74
474	0.4099	-1.001	-0.1545	-0.3218	0.4403	0.9195	1.02	-1.419	0.6755
475	-0.1454	0.4235	0.2302	0.03289	0.795	0.2441	1.454	2.045	1.74
476	0.8856		1.001	1.724	0.09602	-0.4048	1.275	1.316	1.261
477	0.3392	0.7381	-0.8552	0.6675	0.2896	-0.8313	-1.551	-0.6202	-0.4452
478	-1.18	-0.8316	-0.4848	-0.4722	-1.52	-0.5409	0.1093	-0.1698	0.1352
479	-0.5078	-0.7189	0.4078	0.0004687	-1.427	0.8517	-1.968	1.913	1.848
480	0.908	0.1469	-0.8564	-0.5338	-0.6316	0.1675	0.1078	-0.1914	-0.1964
481	-1.596	-2.207	-1.221	-1.178	-0.8859	2.023	0.4035	0.4743	0.2293
482	0.4544	0.4233	-0.03	0.07266	0.2148	-0.1761	0.2242	0.885	1
483	0.6384	-0.4927	0.1041	-0.1033	-0.1012	-0.322	0.9682	0.9891	0.6041
484	0.9244	0.5433	-0.08	0.5627	0.5548	-0.1561	1.564	1.985	1.34
485	1.824	1.663	-0.22	-0.1373	0.7548	-0.1861	1.874	3.075	2.4
486	0.1923	0.1613	-0.222	0.3206	-0.1873	-0.2581	-0.6979	0.493	0.748
487	0.7402	0.02914	0.06586	-0.08148	-0.5294	0.04977	3.91E-05	0.6909	-0.3541
488	-0.8669	-1.518	-0.2312	-1.769	-0.9365	1.713	1.323	0.6437	0.7787
489	-1.02		-0.2042	-1.692	-0.4795	1.83	1.29	0.7608	1.026
490	-0.8856	-0.4467	0.27	-0.1773	0.7348	1.074	1.564	1.705	1.58
491	0.3583	1.087	-1.066	-0.5434	-0.8813	-1.302	0.4181	0.5389	0.2839
492	-0.095	1.274	0.1306	-0.06672	0.03539	0.5145	1.845	0.6156	0.3306
493	-1.087	-0.03777	-0.7511	-1.008	-0.6263	-0.5671	0.6831	0.4739	0.7489
494	0.9716	0.0004687	-0.3328	-1.29	-1.298	1.381	1.291	-0.4778	-0.3028
495	-0.4005	-0.2716	-0.8649	-0.09223	-1.68	-0.281	0.2293	-0.9299	0.2551
496	-0.3378	-0.5189	-0.1022	0.0004687	0.6126	0.1917	-0.678	-2.187	-0.7822
497	-1.066	-1.497	-0.07	-0.1073	0.3348	0.3739	-0.5958	-1.945	-1.31
498	-0.997	-0.1881	0.2086	-0.1787	0.4634	-0.1375	0.04277	0.02359	-0.04141
499	0.7044	-0.06672		1.493	0.6348	1.824	0.4542	0.405	0.17
500	0.000625	-0.5705	0.4663	1.249	0.531	1.29	0.7804	-0.7987	-0.4737
501	-0.0625	0.2364	0.5631	1.256	1.508	0.767	0.2173	-0.5519	-1.207
502	-0.5856		-0.31	-0.4773	-1.085	-1.606	1.284	0.825	0
503	-1.931	-1.842	-0.415	-0.8723	-0.7602	-0.8511	-0.1808	1.42	1.105
504	0.08918	-0.7519	0.4648	0.3375	0.5696	0.9887	1.159	0.5698	0.4348

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
505	-1.586	-0.5267	0.4	-0.09734	-0.07523	1.824	0.6642	0.565	0
506	-0.7306	-0.6117	0.205	-0.6923	-0.6402	3.139	0.9092	0.72	0.855
507	-0.4845	0.1844	-0.9189	-1.426	-1.174	0.305	0.06527	-0.2739	0.3911
508	0.02437	1.193	-0.32	-0.7673	-0.4852		-0.1758	-0.765	-0.22
509	-0.3256	-2.217	0.23	-0.05734	1.575	1.084	0.2142	0.725	0.59
510	-0.1356	-1.607		-0.5573	-0.01523	1.154	-0.4258		-0.59
511	-0.7056	-0.7867			-1.155	-0.2161	-0.5358	-0.085	-0.5
512	0.2694	0.008281	-0.365	0.5577	-0.2602	-1.071	-1.001	0	-0.195
513	0.01266	-0.3684	-0.2417	0.4209	-0.377	-1.348	-1.118	-0.1967	-0.3717
514	-0.7806	-0.2317	-0.485	-0.5423	0.4598	0.6589	0.05918	0.76	0.565
515	-0.41	-0.3811	-0.07437	-0.2217	1.66	-0.2105	-0.9102	1.221	1.436
516	0.6322	-1.059	-1.112	-0.7195	-0.4674	0.1717	1.332	0.9128	1.378
517	-0.3083	-0.3394	-0.6227	0.75	0.002109	0.6912	0.6915	0.8323	0.4573
518	0.39	0.1389	-1.354	-0.4017	-1.17	0.5295	-0.0001953	2.051	1.686
519	-0.8284	-1.44	0.6572	-1.72	-0.488	1.071	0.8614	1.322	0.3072
520	-1.026	-1.337	0.23	-2.437	-1.605	1.194	-0.7158	1.725	1.17
521	-0.2611	-1.082	0.2345	-0.8728	-0.5807	-0.1516	-0.6613	0.4895	1.335
522	0.01734	-0.8037	-0.397	-0.06437	0.007734	-0.3531	-1.213	-0.262	-0.197
523	0.3755	-0.2056	-1.029	-0.8762	0.6659	-1.425	-0.9047	-0.06387	0.5411
524	0.09937		-0.455	-0.4423	0.02977	-1.331	-0.5008	-0.1	-0.875
525	-0.5056	-0.2567	-0.49	0.7627	0.7348	0.1939	-0.4558	-0.565	-0.07
526	-0.05	-0.7811	-0.3744	-0.3417	0.1104	-0.0004687	0.0398	-0.1894	-0.4444
527	0.4408	-0.7803	-1.304	-0.2009	-0.5788	-1.04	-0.5194	-0.06859	-0.3236
528	-0.5194	-1.02	0.8663	0.5189	-0.139	0.0001563	-0.4096	-1.539	-1.204
529	1.874	-0.7467	0.53	-0.1473	0.6948	-0.7961	-0.03582	-1.025	-0.72
530	2.801	-0.3902	2.257	1.709	0.5713	-0.3295	-1.319	0.8716	1.097
531	0.3722	0.8611	0.7378	1.2	-0.09742	-0.7883	0.282	1.163	0.9378
532	-0.2456	-0.5967	0.32	-0.4273	-0.5352	-0.9361	-0.2358	0.145	-0.41
533	0.3102	2.319	-1.734	-1.261	-1.329	-0.8302	3.91E-05	-1.679	-1.494
534	0.6055	1.164	-1.139	-0.2562			0.5753	-0.6739	
535	0.4884	-0.9127	-1.676	-1.723		0.338	-0.09176		0.01406
536	1.037	0.1457	-2.418	-2.365	-2.243	-2.714	1.227	-3.783	-2.738
537	0.2875	-0.1736	-1.487	-0.8142	-0.9021	-1.243	-0.0627	-0.9919	-1.367
538	-0.5743	1.375	-0.9387	-3.136	0.4861	2.055	-0.2745	-0.7937	-0.9787
539	1.149	-0.4726		0.2268	-0.2011	0.588	1.178	-1.281	-0.2959
540	2.083	1.022	-2.222	0.03094	0.473	0.6522	-0.2975	-0.8567	-0.4617

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
541	0.9144	-0.02672	0.8	0.4227	-1.425	-0.5161	-0.7958	-0.405	-0.59
542	0.2537	0.2227	-0.6706	-0.498	-1.356	-0.4867	-0.9964	-0.1456	-0.6106
543	0.1044	0.7033	-0.44	-1.047	-0.6352	-1.106	0.3342	-0.145	-0.33
544	0.4916	2.27	-2.223	-2.07	-0.318	-2.779	-0.08863	0.2022	-0.6128
545	0.08437	1.453	-2.05	-0.08734	0.9648	-2.806	0.2542	-0.025	-0.91
546	-0.3856	2.303	-0.51	-0.2773	-1.305	-0.9361	-1.596	-1.145	-0.67
547	2.302	0.4505	-1.053	-0.9902	2.042		-0.008633	-0.6078	-0.7028
548	0.5646	0.2735	0.3102	0.7229	-0.995	-1.346	-1.076	0.3252	1.41
549	-1.848	0.8111	0.4478	0.0004687	-0.8474	-2.168	-1.018	-2.297	-1.492
550	0.3244	1.573	-0.36	-1.037	-1.565	-1.506	-0.6458	-1.775	-1.3
551	-0.1506	0.9583	-1.315	0.3877	-0.3902		-1.191	-0.6	-1.235
552	-0.2784	0.4405	-1.863	-0.1702	-0.618	-1.219	0.7114	-3.158	-1.763
553	-0.04563	-1.427	-0.25	0.5127	-0.9252	0.1239	1.094		-1.99
554	0.2455	-0.2556	-0.2589	-0.3462	-0.2041	2.515	-0.5247	-0.4339	-0.1789
555	0.7244	-0.07672	0.44	0.5527	-0.2952	-2.106	-0.8458		-1.72
556	0.8094	-1.222	0.015	1.008	0.5598	-0.9811	-0.9908	-1.95	-1.575
557	-1.111	-2.242	0.525	-0.3823	0.5898	-0.8411	-0.9808	-2.08	-1.285
558	-0.8256	-1.427	0.83	0.1627	1.045	-0.006094	-1.776	-2.345	-1.48
559	0.2565	0.6454	-1.028	-0.3252	-0.9631	-0.1239	-1.254	-0.7529	-0.6379
560	-0.015	-0.7161	0.1806	-0.9967	-0.3546	0.7645	-0.0952	-1.444	-0.1894
561	0.1544	0.4633	-0.1	-0.5973	-0.7852	0.9039	0.3942		0.23
562	0.4244	-0.5367		-1.167		0.7039	-0.8458	-1.045	-0.95
563	0.4847	-0.03641	-1.22	-0.827	-0.2549	0.02422	-0.4955	-0.6247	-0.4197
564	1.467	1.756	-0.4977	-1.345	-0.313	-0.2538	0.2664	-1.443	-1.478
565	0.02375	0.8227			-0.2459	-0.1867	-0.8364		-1.261
566	-0.2145			-1.506	-0.2741	0.105	-0.6947		-0.8589
567	-0.2869	-1.658	-0.5912	-1.759	-0.4065	-0.08734	-0.5571	-0.1563	-1.311
568	0.09156	-0.1395	-0.02281	-0.6502	-0.328	0.1211	0.01137	-1.118	-0.002813
569	0.4759	-0.5352		-1.756	-1.504	-0.5445	-1.304	-2.113	1.252
570	0.3175		-1.647	-0.5942	-0.9421	-0.363	-0.9427	-1.132	-0.5869
571	0.1247	-0.1264	-2.08	-0.537	-0.5049	0.2442	-0.04551		-0.8197
572	0.2005	-1.691		0.2788	-0.5591	0.26	-0.1397	-1.729	-0.9639
573	0.1778	-0.07332	-1.787	-0.3139	-1.022	-0.2227	-0.8024	-1.732	-1.447
574	0.1023	-1.809	-1.282	-1.189	-0.0373	0.3518	0.02211	-2.007	-0.8021
575	0.7206	-1.31	-1.344		-1.379	0.0001563	-0.1596		-0.9538
576	0.3251	-0.386	-0.3992	-1.167	-0.3745	-0.6953	-0.6551	-1.004	0.08076

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
577	0.1244	-0.6867	-0.09	-1.227	-0.5752	-0.5161	0.6242	-0.465	-0.65
578	0.3313	-0.8998	-0.573		-0.3883	-0.3291	-0.9689		-0.553
579	-0.7395	1.049		-0.1112	0.2509	-0.43	-0.3897		-0.9439
580	-0.4256			-0.3773	1.685	0.02391	-0.5258	-1.115	-1.83
581	0.04156	-0.2895	-1.543		-0.938	-0.5589	1.231	-0.2678	-0.3028
582	0.32	0.1189		-1.572	-1.12	-0.4805	-0.8002	-0.6694	-0.9644
583	-0.1056	0.6033	-0.59	-1.217	-1.185	-0.7561	3.704	0.735	0.31
584	-0.3356	1.553	-0.5	-1.347		0.3239		-1.125	-0.9
585	-0.375	-0.4961	-0.9994	-0.8467	-1.325	1.545	0.2148	0.9556	1.141
586	0.6775	-0.5636	-1.307	-0.8842	-0.5621	0.387	-0.5027	-0.3019	0.09312
587	-0.6056	-0.8067	-0.94	-1.517	-0.5852	0.3939	0.01418	-0.765	-1.08
588	0.0025	0.03141		-0.3192	-0.2871	-0.03797	-0.8777	-1.487	-0.7619
589	0.03762	0.03652		-0.8241	4.198	0.1871	-0.6526	-1.662	-0.2768
590	-0.08	0.1789	-0.4144	-0.3717	2.8	0.6195	0.4098	-0.1994	-0.8144
591	-0.4798	-1.321	-1.034	-0.4216	0.6405	-0.4703	-1.15	-0.7392	0.06578
592	-0.01055	0.4384	-0.6049	-0.5523	0.2198	0.819	-0.2307	0.9801	1.045
593	0.4992	0.2681	0.8648	2.807	1.07	-0.09129	1.189	1.14	1.355
594	0.5446	2.954		-0.1071	-0.745	1.864	-0.8756	1.735	1.41
595	-0.00625	3.203	-1.371	-1.118	0.06414	-0.4367	-1.716	-0.3156	-0.4106
596	-0.4344		-0.1087	-0.9161	-0.664	0.4252	0.02543	-1.284	1.461
597	-0.2956	3.123		-0.4073	-0.6152	1.684	-0.07582	-0.505	0.15
598	0.3194	-0.2317	0.365	-0.1423	-0.2702	-0.2011	0.1892	0.29	0.585
599	-0.05563	0.7133	-0.46	-0.4873	-0.3552	1.534	-0.1158	-0.025	0.76
600	1.764	1.933	0.1	0.7827	0.3548	0.07391	0.3542	-0.015	0.47
601	0.02664	-0.2545	0.1223	0.1449	0.09703	-1.264	-0.5136	-0.1327	-0.9877
602	0.8099	0.6488	-0.1845	0.5882	-0.1097	-0.2305	-0.4203	-0.4595	
603	-0.2106	-1.442	-0.375	1.518	-2.51	0.06891	-2.511	-0.94	0.225
604	-1.096	-0.1867	0.76	0.3527	-0.3252	-0.6861	-0.6958	-0.915	-0.37
605	0.8944	0.1933	3.01	2.443	0.2548	1.654	-0.1858	0.195	0.53
606	0.4702	0.5291	2.726	2.568	-0.06941	2.49	-0.15	0.5008	0.09582
607	1.522	1.951	1.628	1.53	2.172	0.2814	0.9117	1.302	-0.1725
608	1.721	3.63	1.567	1.909	3.681	0.6906	0.8709	0.8517	-0.3633
609	2.379	3.698	1.435	2.127	4.459	0.1284	1.019	1.64	-0.3155
610	2.36	3.539	1.946	2.588	5.1	0.5595	1.81	1.221	-0.1444
611	2.123	3.182	1.919	2.411	4.444	0.6027	1.713	1.404	-0.1013
612	1.771	2.07	0.2665	1.759	2.001	-1.05	0.1207	0.4715	-0.7835

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
613	1.872	2.26	0.5972	1.86	2.482	-1.069	0.6114	-0.6678	-1.703
614	2.017	2.516	0.5029	1.916	2.458	-0.7332	0.6471	-0.3321	-1.757
615	0.8255	1.444	0.7511	1.684	0.7459	-0.295	0.08527	1.106	0.5811
616	1.745	1.314	1.26	2.453	1.905	0.8143	1.295	1.195	-0.4796
617	1.244	1.033	-1.051	1.532	1.384	0.2433	0.9936	1.184	-0.4606
618	1.224	0.1133	0.94	0.2127	-0.005234	1.214	-0.1158	0.105	-3.43E-08
619	-1.086	-0.7767	1.06	0.2927	-1.605	0.2539	-0.5858	-0.805	-0.31
620	-0.6344	-0.04547	0.5713	0.7939	0.07602	1.285	-1.845	-0.6638	-0.6487
621	-0.1106	0.4783	1.295	1.218	-0.6102	0.9589	-0.04082	0.03	-0.445
622	-0.5598	-0.8009	0.4559	1.709	-0.2394	-0.8602	3.91E-05	-0.7791	-0.6841
623	-0.05344	-0.3545	2.212	3.465	1.007	-1.044	-1.024	-2.123	-1.928
624	-0.9169	-1.158	2.559	2.201	0.1835	-0.2573	-0.4671	-2.006	-1.121
625	-0.6098	-1.011	1.296	1.978	0.4006	0.8397	-0.08	-1.279	-1.424
626	0.3894	0.2783	1.375	2.158		-0.5911	-0.04082	-0.91	-0.335
627	0.9244	0.1933	0.67	1.403	-0.2752	1.624	1.014	-0.845	-0.49
628	-0.6556	-0.03672	1.01	0.8027	-0.1452	0.8339	-1.216	-1.545	-1.18
629	-0.4981	-0.05922	-0.1225	-0.08984	-0.2477	0.08141	-0.04832	0.0825	0.0075
630	0.5467	0.2656	0.5823	0.535	0.007109	0.06625	-1.553	-0.8227	-1.378
631	0.1075	0.5964	0.3831	1.356	0.9479	-0.01297	-0.6227	-1.292	-0.7869
632	0.1206	-1.34	0.1663	1.429	-0.699	0.0001563	-0.4896	1.061	0.9162
633	0.3045	-0.2666	-0.04992	0.1927	-0.2252	-0.01602	-0.5557	-0.4049	-1.19
634	0.2644	0.8833	-0.92	0.9127	-0.8852	-1.636	-1.436	-1.445	-1.33
635	-0.08824	-2.319	0.05738	-0.06996	-0.06785	0.8413	-0.3184		0.5174
636	-0.7045		-0.4189	-0.3962	-0.4441	0.475	-0.8547	-2.834	-0.8089
637	-0.3856	-1.237	-0.25	-0.2873	-1.255	-0.1961	-1.436	-2.615	-0.97
638	-0.3428	-0.7839		0.9655	-0.9124		-0.743		-0.3372
639	-0.4994	-0.7305			-1.579	0.0001563	-0.3796		-1.744
640	-0.5625	0.03641	-0.1069	0.9858	0.1179		-0.3727	-1.132	-1.557
641	-0.1663	0.02258	-0.6407	-0.458	-0.7759	-0.3968	1.253	-0.9757	-0.4607
642	0.08437			-0.5973	-0.03523	-0.3961	-0.2958	-3.095	-0.18
643	-0.6269	0.002031	1.409	1.191	0.07352	1.233	-0.3671	-1.506	-0.8313
644	-0.3863	-1.047	0.5294	1.092	-0.6659	1.403	-0.3564	-1.806	0.06938
645	-0.357	0.07188	0.8986	0.3913	0.1734	-0.3375	-0.6872	-1.596	-0.9114
646	-0.2969	-0.308	-1.261	-1.109	-0.1765	1.583		-0.2063	0.1788
647	-1.42	-0.8516	-1.415	-1.572	-0.9201	1.929	-0.5907	0.7002	0.7352
648	-0.1856	-1.097	-0.4		-0.3752	1.474	-0.02582	0.035	0.12

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
649	-0.3256	1.253	-0.14	-0.1073	-0.1852	-0.3761	-0.5658	0.325	0.26
650	-0.6295	1.099	0.2661	-0.2512	-0.8591		0.3103	0.4911	0.5361
651	-0.6131	-1.384	0.4325	-1.285	0.5973	-0.4636	-1.633	-1.912	-2.117
652	-0.7199	-1.711	0.4858	-1.872	1.091	-1.63	-3.63	-3.529	-3.164
653	-0.2067	-0.06781	1.619	0.3816	-0.9063	-0.7372	-0.7469	-0.7161	0.1589
654	-0.2059	-1.417	1.23		-0.06555	-0.8064	-1.336	-1.705	-0.3503
655	0.5544	-0.1767	-0.53	0.4227	-0.8652	0.09391	-1.016	-0.195	0
656	0.0275	0.3664	-0.2269	0.6858	-0.4421	-0.343	-0.6027	-1.322	-0.7069
657	-1.301	-1.412	-0.025	-0.8923	-0.6902	-1.271	-1.301	-1.1	-0.465
658	-0.2344	-1.165	1.361	0.8939	-1.474	-0.3248	-2.015	-0.3938	-0.8288
659	-0.512	0.3269	1.334	0.4763	0.05836	-0.0925	-1.002	-1.191	-1.836
660	-1.913	0.1758	1.592	0.7252	-1.303	-0.7536	-1.873	-2.073	-2.698
661	-1.612	0.07672	1.533	-0.3939	-0.5818	0.3173	-2.552	-2.642	-2.917
662	-0.3994	0.06953	-0.3637	-1.021	-0.329	-1.11	-1.33	-0.7688	-1.204
663	-1.151	0.06797	0.4247	-0.02266	1.349	-1.301	-2.331	-2.26	-1.375
664	-1.468	0.3508	0.8175	-0.09984	1.132	-0.6586	-2.328	-1.718	-1.082
665	-0.5026	-0.2737	1.873	0.2457	-0.6822	1.007	-0.3128	0.388	0.323
666	-0.4456	-0.8967	1.26	-0.1073	-0.3852	-0.3261	-0.8458		-1.2
667	0.2044	-0.6567	2.24	1.893	-0.5052	-0.8861	-2.066	-2.195	-0.93
668	0.09187	-0.8792	0.7275	-0.009844	-0.6177	0.2214	-0.1783	-0.5475	-0.8725
669		0.4062	0.8429	0.5356		0.1769	-0.8629	-0.7621	-1.147
670	-0.8856	0.3333	0.76	-0.5473	-0.9252	1.134	-1.256	-2.085	-1.28
671	-0.3311	-0.1722	0.8745	0.2972	-0.4807	-0.5116	0.03871	-0.3905	-0.7855
672	-0.7134	-0.6245	0.5423	-1.135	-1.273	0.1062	-0.8136		-1.438
673	-0.5045	-0.9856	0.3611	-0.1562	-0.09414	1.865	-0.5347	-0.3939	-0.8889
674	-0.4156	-1.357	1.96	0.6227	-0.04523	0.8339	-0.4658		-1.49
675	-0.3278	-2.639	1.868	0.8105	-0.9074	0.1517	-0.558	-1.197	-0.9022
676	-0.1456	-0.9767	-2.31E-09	0.002656	-0.4052	-0.4861	-0.9358	-1.825	-2.14
677	0.008125	-0.583	-0.06625	0.06641	-0.7815	-0.7723	-0.7421	-1.161	-1.286
678	0.4544	-0.8267	0.48	0.8527	-1.305	-0.7061	-1.716	-3.775	-1.57
679	-0.4456	-0.1567	-0.58	-1.397	-0.5452	-0.1961	-0.7258	-3.815	0
680	-0.01062	-1.102	-0.525	-0.09234	-0.1002	-0.2511	-1.091	-3.56	0.515
681	-0.8878	-0.7589	1.628	1.94	0.6026	1.342	-1.068	-0.5072	-0.4622
682	-1.03	-1.781	0.7361	-0.09125	0.2709	0.93	0.9703	0.2411	0.03609
683	-1.263	-0.5345	1.652	0.2449	0.327	0.8562	0.2664	-0.9527	-0.3177
684	-1.756	-2.377	1.45	0.6627	-0.6052	-0.3861	-1.046	-0.595	0.6

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
685	-1.297	-0.428	1.679	1.261	0.3835	0.3627	-0.4771	-0.6963	0.1487
686	-2.717	-1.808	2.149	1.881	-0.05648	-0.8173	-0.4271	-1.206	0.4587
687	-1.396	-0.9867	1.71	1.563	-0.2752	-0.9961	-0.9858	-1.035	0.18
688	-0.6056	-0.7767	1.52	1.373	-0.2252	1.144	1.224	-0.955	-0.72
689	-0.6184	0.0004687	1.547	0.7698	0.01195	0.5611	0.4214	-0.2478	-0.05281
690	-0.4498	-0.7209	1.566	0.9085	0.04062	0.7098	0.27	0.8009	1.166
691	0.4031	-0.728	1.589		-0.8865	0.1427	-0.4571	-1.666	-0.8413
692	-0.5153	-0.7864	0.3403	0.523	-0.4849	0.08422	-0.03551	-1.255	-0.4997
693	-0.5934	-0.1645	0.09227	-0.9351	-0.533	1.096	-0.5336	-0.5727	-0.3477
694	0.03031	-0.3508	-1.164	-0.6914	0.0007031	-0.07016	-0.1499	-0.3891	-0.2041
695	-0.9094	-1.14	0.7563	-0.1411	0.191	0.0001563	0.2804	-0.6688	-0.4438
696	0.3431	-1.658	-1.011	-0.3286	0.8435	0.5927	0.4329	-3.286	-1.351
697	-0.6134	-0.3345	0.4522	0.09484	0.957	0.9561	-0.5636	2.147	1.252
698	-0.3126	1.336	-0.487	-1.164	-1.262	1.367	1.147	1.448	0.433
699	0.3144	1.103	-0.36	-0.06734	-0.04523	1.624	0.7842	0.785	0.6
700	-0.3391		-0.1534	-0.9808	0.03133	-0.7495	-0.4693	-0.07844	
701	-0.382	-0.2931	-0.3164	-1.324	-0.6816	-0.4125	-1.042	-0.2014	0.03359
702	1.625	-0.6456	-1.069	-2.946	-1.994	-1.045	-2.235	0.9961	0.8211
703	1.376	-1.205	-0.4087	-1.636	-1.804	-0.5448	-1.225	1.056	0.6313
704	-0.2306	-0.6117	-0.065	-0.7923	-1.01	1.149	-2.031	2.21	1.795
705	0.4805	-0.4006		0.6987	-0.06914	-0.57	-0.1797	-1.979	-1.444
706	-0.1654	0.2536	-0.2297	-0.6771	-0.435	0.06418	-1.146	0.2253	-0.7597
707	-0.8734	-1.444	0.4023	-0.8351	-0.363	0.1562	-0.05355	-0.7127	-0.5977
708	-1.721	-0.5317	-0.165	-1.952	-1.92	-2.121	-1.501	-0.83	1.285
709	-0.06969	0.7192	-0.8241	-0.8714	0.0007031	-1.48	-0.5599	-0.3691	-0.8541
710	-0.6978	-1.549	-0.7522	-0.7695	-0.5174	-1.018	-0.858	-0.7472	-1.312
711	-0.5499	-2.411	-0.7643	-1.412	-1.82	-2.05	-1.48	-1.609	-1.274
712	-0.03945	-0.9505	-1.074	-1.641	-0.9491	-1.03	-1.61	-3.539	-0.9938
713	-0.4301	-0.3312	-0.2045	0.2682	-0.9497	-1.561	-1.58	-1.079	0.1455
714	-0.0175	-0.2686	-0.1019	0.3708	-1.337	-1.688	-1.748	-1.287	-0.07187
715	0.4144		-2.05	-2.307	-0.8652	-0.1761	-0.2058	-2.405	-0.66
716	0.1515	0.8904	-0.7329	1.04	-1.028	-0.4889	-1.029	0.2221	0.1871
717	0.2481	-0.723	-0.09625	0.3164	-1.731	-0.5723	-1.732	-1.861	-1.896
718	0.3131	-1.398	-0.6512	-1.499	-1.466	0.1727	-0.8871		-1.311
719	-0.3406	0.3783	0.115	-0.3923	-0.5202	-1.541	-1.631	-1.76	-1.435
720	0.1244	-0.8867	0.3	1.913	-1.525	0.7139		-2.235	-0.36

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
721	0.6794	1.638	0.255	0.9877	0.6798	-1.421	-0.9208	-0.23	-0.925
722	-0.7859	-1.047	-0.1003	-0.4377	-0.4855	-1.926	-1.076	-0.7353	-0.8003
723	-1.016	-1.037	-0.15	-1.227	0.3048	-0.3761	0.5442	-0.395	-1.06
724	-0.4963	-1.037	-0.6206	-0.598	0.03414	-0.9867	-0.5664	-1.266	-0.5306
725	-0.3156	0.1333	-1.07		-0.7852	-0.4561	-1.366	-0.915	
726	-0.913	-1.144	1.003	-0.02469	-0.4726	-0.2434	-0.2732	-1.092	-0.1773
727	-0.9981	-0.7392	1.247		0.1223	-0.4986	-0.2283	-1.588	-0.6825
728	0.1001	-2.071		-0.4216	-1.8	1.29	-0.5601	-0.4093	1.206
729	-1.443	-0.5039	0.7328	-1.505	-0.4224	0.006719	-0.113	-0.4022	-0.02719
730	-1.541	-0.3923	0.8844	-1.613	-0.1509	0.09828	-0.5514	-0.6706	0.1644
731	-1.056	-0.4867	0.44	-0.8673	0.1448	0.3939	0.2142	-0.385	-0.36
732	-0.3015	-1.213	-0.9759	-0.6032	-0.5011	-0.442	-0.04168	0.7291	0.5541
733	0.1544	0.05328	-0.77	0.4927	-0.2052	0.4739	-1.046	-0.955	0.36
734	-0.403	-1.144	0.3427	-0.7847	-0.04258	-0.2234	-0.1932	-0.4423	0.2727
735	0.4795	-0.07164	0.9351	0.7577	-0.7302	-0.08102	-0.5607	0.05008	0.03508
736	-1.196	-0.617	-0.5003	-0.9177	-0.9655	1.234	-1.096	-1.185	-0.4903
737	1.644	-0.6976	-0.7609	-0.3382	-0.5061	-0.657	2.093	1.294	0.1491
738	1.774	0.3033	0.12	-0.1773	-0.6952	-0.3061	-0.9858	0.385	0.89
739	0.9	0.02891	-1.254	0.1083	-0.5296	-0.4605	-0.6602	1.021	0.4256
740	0.84	0.6289	0.1556	0.4383	1.26	0.5295	-0.9302	-1.289	-2.144
741	-0.2875	-0.4686	-0.2819	-0.2192	0.1229	0.002031	-0.3677	0.2131	0.2981
742	0.6644	1.133	0.4	1.993	0.8848	0.5539	-0.2058	0.225	0.25
743	0.09437	0.6933	0.62	1.323	0.004766	0.6539	-1.686	-0.195	-1.11
744	0.3869	-0.2042	-0.3975	-0.4648	-1.303	-1.484	-1.583	0.0075	0.2925
745	0.000625	0.3895	-0.3537	-0.6611	-0.299	1.04	0.04043	0.5513	0.7763
746	-0.5898	1.409	-0.09418	0.2185	-0.4494	2.89	-0.25	-1.369	-1.244
747	0.2519	-0.5192	-0.6325	0.5202	0.5023	1.031	1.702	-0.8975	-0.7425
748	-0.7745	1.284	-0.9189	-0.9162	-0.9341	1.515	1.195	-0.3539	-0.5889
749	0.4908	0.6297	0.05641	0.5991	-0.3088	2.07	0.3406	-1.379	-1.164
750	0.8618	1.021	-0.8226	0.2601	-0.9878	-0.2987	-0.6984	-1.438	-1.123
751	-0.8845	-0.9655	-0.6288	-0.5162	-0.3241	-1.675	1.265	-0.003828	-0.8188
752	2.382	0.5008	1.148	1.11	-0.1377	0.4314	-0.4583	-0.6575	-1.262
753	1.692	1.661	1.958	1.511	1.083	-1.248	-2.228	-1.007	-0.5721
754	0.9411	0.26	0.4667	1.159	0.05148	1.221	0.0809	-0.6783	-0.3533
755	1.081	0.26	0.2267	0.5494	-0.4085	0.3706	-0.4091	-0.8283	-0.6433
756	0.8994	0.9183	-0.435	-0.3223	-0.6802	-2.281	-1.811	-1.7	-1.835

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
757	1.027	0.4062	-0.7271	-0.3245	-0.7823	-2.543	-2.163	-2.522	-2.327
758	1.19	0.5889	0.3256	1.268	-0.1196	0.2295	-1.38	-0.6294	-0.4744
759	0.04437	-2.167	0.79	0.1927	-0.7952	-2.206	-2.086	-0.155	0
760	-0.7073	0.5916	-1.042	-1.139	-0.337	-0.1678	-1.048	-1.017	-0.5017
761	0.1619	-0.06922	-2.323	-1.17	-0.1377	-0.1986	-0.5483	-0.2675	-0.5625
762	-0.5256	0.4633	0.94	1.053	0.09477	0.09391	-0.00582	0.835	0.02
763	-0.1194	2.98	-0.2837	-0.7811	3.121	0.1202	2.72	-2.579	-1.644
764	1.432	0.4013	-0.02203	-0.1194	0.03273	0.06188	-0.2479	0.002969	-0.342
765	0.4611	0.87	-0.1133	-0.4106	-0.3385	0.5206	1.071	-0.6483	-1.413
766	0.4716	0.0004687	-0.3128	-0.1002	0.202	0.6711	0.1214	-0.1378	-0.1728
767	0.9244	-0.9567	1.03	0.5827	-0.8952	0.5339	-0.3458	-1.995	-2.14
768	1.284	-0.497	1.07	0.6323	-0.6955	-0.3064	-0.6761	-2.165	-1.97
769	-0.005625	1.883	-0.71	0.8727	1.195	0.8739	0.4742	0.285	0.07
770	0.2387	0.5877	-0.07562	1.407	0.6291	-1.182	1.029	-0.3006	-0.8256
771	0.06	0.1289	-0.6644	0.6083	0.1704	-0.9005	-0.7602	-0.6694	-0.6444
772	0.06	1.019	-0.5844	-0.1017	0.8204	0.6395	1.01	-0.2894	-0.2344
773	-0.07062	-2.222	-0.475	-0.1123	-0.8002	0.2389	-0.7108	-3.3	-0.425
774	0.9819	-0.9492	-0.5525	-0.01984	-0.5577	1.991		-0.8975	-1.252
775	0.7619	-0.1692	0.8175	-0.1398	1.182	0.8014	0.8917	-0.4675	0.0375
776	0.6823	1.031	-0.292	0.000625	-0.9573	-0.8681	-2.598	-1.117	-0.962
777	0.8144	1.183	0.24	0.1627	0.5248	-0.6861	-1.006	-0.555	-1.41
778	1.059	0.2783	-1.315	0.1377	-1.24	-0.2911	-1.241	-0.73	-1.385
779	-0.4684	-0.4695	0.1273	0.4299	-0.578	-0.03883	-0.4086	-0.5377	0.9173
780	0.7631	1.332	-0.6012	1.191	1.364	0.3327	0.5529	0.00375	0.1087
781	-0.1098	0.4491	-0.3141	0.3185	-0.4194	-0.2502	3.91E-05	0.3809	
782	0.168	0.227	0.1037	0.4063	-0.5316	-0.1724	0.2279	0.05867	-0.1563
783	0.03602	0.9649	-0.9284	0.1943	-0.4136	-0.3945	-0.4542	0.4166	0.5616
784	0.1812	0.9101	-1.273	-0.9006	-0.5585	-0.7393	-0.179	-0.4882	-0.5732
785	0.2544	-0.9367	-0.29	0.8327		0.4939	1.994	-1.135	-0.12
786	1.229	0.6783	0.875	0.6777	-0.6502	0.7989	-0.1508	-0.4	-0.575
787	0.1302	-0.1709	0.3958	0.2284	-0.1095	1.99	0.85	0.5108	1.426
788	-0.1378	-0.2289	0.4778	0.0004687	0.1726	1.522	1.202	-0.02719	-0.3322
789	-1.236	-0.2367	1.26	1.083	0.5348	0.6039	0.9942	0.945	-0.57
790	0.3644	0.1533	0.1	0.2027	-0.8152	0.1439	2.184	-0.355	-0.26
791	-0.7334	0.7155	0.03227	0.4149		0.9562		0.6473	
792	-0.7583	0.3506	0.3073	0.99	1.492	2.031	0.8215	1.042	0.1773

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
793	-1.35	2.619	0.1661	0.4988	1.481	-1.46	1.19	0.7911	0.6061
794	-0.3806	0.9183	-0.365	-0.9523	0.6998	-0.8611	0.07918	0	0.435
795	-0.2756		0.51	0.3827	0.2048	0.8039	0.8442	0.005	-9.74E-09
796	-0.05938	0.5495	0.8263	0.2789	-0.759	0.0001563	0.7704	0.3112	-0.1038
797	1.474	0.6433	-0.64	0.1327	0.9148	0.09391	0.3342	-0.245	0
798	0.5872	0.1661	-0.8672	-0.5645	1.278	0.2867	0.637	0.05781	-0.01719
799	-0.004531	0.3444	-0.3989	0.1738	-0.4141	-0.355	0.2753	0.3961	0.001094
800	-0.009219	0.8897	-0.4336	-0.2109	-0.3988	-0.1897	0.9506	-1.119	-0.6536
801	0.4956	0.3445	-0.1087	0.4539	0.226	0.7552	0.8554	1.146	0.8913
802	-0.2731	1.476	-0.2875	0.04516	0.7173	0.9364	0.6667	0.3275	1.722
803	-0.6356	0.4833	-0.09	0.1727	-0.02523	0.5639	0.2042	-0.475	-0.51
804	0.5313	0.1802		0.1896	0.7117	-0.3891	0.7511	0.472	-0.303
805	0.7399	0.7688	-0.1645	0.1182	0.1503	-0.5705	0.7797	0.6505	0.6455
806	-0.1656	0.5433	0.34	0.6327	0.06477	0.7839	0.3642	0.315	0.31
807	-0.2778	0.1011	-0.2422	0.0004687	-0.05742	0.2917	0.272	0.2128	0.2178
808	0.23	0.1289	0.2856	0.3583	-0.5096	0.4795	0.6098	0.03062	0.3056
809	-0.005625	0.5033	-0.4	-0.2473	1.195	0.1239	1.504	0.375	0
810	0.4872	0.4461	-0.4872	0.04547	0.07758	-0.5833	0.177	0.4078	-0.1572
811	0.2455	0.03438	-0.2989	0.2338	0.8259	0.745	0.9453	0.1161	1.241
812	-0.7269	2.372	-1.511	-1.179	0.01352	1.443	1.443	0.9237	0.8487
813	0.2894	-0.4517	-1.905	-0.6523	0.4498	0.1189	0.7192	0.43	0.985
814	0.1905	0.3594	-1.774	-1.451	-0.6391	-0.63	0.3803	-0.3689	-0.2639
815	0.1894	0.8983	-1.235	-1.022	-0.2302	-0.1011	0.3392	0.66	0.565
816	0.415	-0.6361	0.6306	-0.3167	2.765	0.03453	1.145	-0.3444	0.1806
817	2.069	0.09828	-0.685	-0.1823	1.16	0.1889	0.8692	0	0.465
818	-0.0925	0.5564	0.01313	0.2358	0.3979	1.227	0.4573	0.03812	0.2931
819	0.3931	1.362	-1.441	-0.3686	1.274	-1.107	0.9629	0.9037	0.8887
820	0.4118	1.611	-0.9026	-0.5099	1.172	1.181	0.7016	0.6224	0.4874
821	-1.325	0.3144	-2.319	-1.636	2.136	0.215	2.435	0.3661	0.2511
822	0.03437	0.4233	-0.28	0.3227	0.6548	-0.5261	1.124	0.035	-0.18
823	0.4893	0.4882	0.2649	0.4176	-0.1203	-0.1012	-0.5809	-0.08008	-0.2851
824	0.72	0.6389	-0.3144	0.5083	-0.3596	0.7995	0.6698	-0.2094	-0.2044
825	-0.5592	-0.03027	0.3564	0.6891	0.9212	0.3704	-0.2794	-0.3086	-0.8836
826	-0.1326	0.1963	0.303	0.2057	0.3378	1.167	0.7772	-0.07195	-0.857
827	1.494		-1.281	-0.408	0.9541	0.4833	0.7136	0.8044	0.8194
828	0.5105	2.449	-0.7338	-0.06119	0.2509	-0.02994	1.09	0.7812	0.6062

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
829	0.5527	-0.4584	-0.2817	-0.1791	-0.207	0.7022	1.212	0.7233	0.7083
830	0.8373	0.7962	-0.947	-0.08437	0.8577	2.207	1.097	0.348	0.853
831	1.133	0.7316	-1.052	0.101	0.2331	-0.8877	-0.1075	-0.1066	0.06836
832	1.649	1.188	0.1545	0.6171	1.499	-0.8216	1.159	-0.1805	-0.04555
833	0.1169	0.5358	-0.4875	0.04516	0.3173	0.2564	0.8567	0.1275	0.0925
834	0.166	0.4349	-2.518	-0.7857	-0.5336	-1.274	0.2458	0.8566	0.4016
835	0.00125	0.9902	-1.483	-0.4505	0.1216	-1.499	0.6411	0.5119	0.7569
836	0.5983	1.037	-1.286	0.1266	1.249	-1.042	0.2781	0.1989	0.2639
837	-0.1799	0.649	-0.2443	0.3284	0.8705	-0.0003906	1.28	0.8307	0.3557
838	-0.06563	0.3933	-0.4	0.1027	0.5948	0.9039	1.324	0.255	0
839	-0.04563	0.04328	1.03	0.05266	0.4248	0.6039	0.3342	0.295	1.14
840	0.2795	-0.06164	0.3251	0.6377	0.7098	0.749	1.179	-0.009922	0.1051
841	0.1194	0.2483	0.315	0.3477	0.5298	0.6189	0.6392	0.58	-0.025
842	0.5444	1.503	0.66	1.113	1.955	1.134	0.9242	0.595	0.09
843	-0.2813	0.6276	0.0843	0.617	1.419	0.3982	1.448	0.8693	0.4243
844	0.1847	0.02359	0.2003	0.563	1.505	0.3842	1.594	0.1353	0.3303
845	0.4517	0.09063	0.4873	0.74	1.612	0.8313	1.542	0.1123	0.3073
846	0.6822	0.2511	0.09781	0.5305	0.9826	-0.1983	1.082	0.4328	0.2478
847	0.2456	0.4345	0.1813	0.7939	0.746	0.8052	0.8754	-0.05375	0.2713
848	0.7627	0.06156	-0.2317	1.031	0.803	0.6422	0.3925	0.07328	-0.06172
849	0.7644	0.2033	-0.56	0.5227	1.845	0.2939	0.9342	0.275	0.42
850		0.4233	-0.29	0.4627	0.4248	0.7239	0.5642	0.365	0.62
851	0.04187	0.8908	-1.122	0.8402	0.9523	-0.1186	2.242	1.162	1.068
852	0.04437	0.6933	-0.56	0.8327	0.8648	-0.7761	1.244	0.275	0
853	1.203	0.352	-1.481	-0.1986	1.174	-0.3373	0.5529	0.6737	1.329
854	0.9309	0.2498	-1.143	-0.3108	1.231	-0.4095	0.2307	0.2916	1.077
855	0.6531	0.872	-1.051	0.1614	1.094	0.1227	1.223	0.7537	0.9288
856	0.4206	0.4795	-0.8937	-0.3111	1.371	0.0001563	1.66	0.2512	0.4562
857	0.2544	-0.06672	-0.19	0.08266	1.305	0.5739	1.794	0.425	0.52
858	-0.02563	0.5233	-0.87	-0.3773	0.9948	0.05391	0.2142	-0.255	0
859	-0.2775	1.491	-0.4419	0.03078		0.002031	1.172	1.373	1.628
860	1.499	0.3883	-0.355	1.118	1.3	0.4289	1.689	1.37	1.375
861	0.4894	0.7783	-0.295	0.01766	0.3298	0.5089	1.509	0.81	0.885
862	-0.23	0.4189	-0.4644	-0.3917	1.01	0.03953	0.9798	0.7906	0.4056
863	0.2016	1.01	-1.063	-0.1502	1.202	-0.1989	0.6314	0.9922	0.8372
864	0.2894	0.2883	-0.215	0.3177	0.4798	0.6789	0.4792	0.63	0.905

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
865	0.6455	0.5844	-0.7889	0.1738	0.5659	0.395	0.3953	1.236	1.321
866	0.5222	0.8211	-0.5222	0.0004687	1.503	0.3817	0.502	1.293	0.9178
867	0.005312	0.6342	-1.159	-0.006406	0.2657	-0.3752	0.6051	1.266	0.8609
868	0.0075	0.5364	-0.7869	0.2758	0.4679	-0.133	0.6873	0.6781	0.9131
869	0.2572	0.3461	-1.367	-0.2145	0.8176	-0.5433	0.987	0.5378	0.5528
870	0.1372	0.1461	-0.3472	0.5555	1.048	0.4167	1.507	0.2878	0.4228
871	0.256	0.3949	-0.7584	-0.3257	0.7264	-0.6145	0.5758	0.4466	0.5416
872	0.3406	0.9495	0.01625	0.6589	0.311	-0.4798	0.7704	0.2313	0.4363
873	0.9544	0.6233	-0.24	0.06266	0.5148	-0.3261	0.9442	0.005	0.42
874	-0.3762	0.9927	-0.3905	0.01211	1.074	0.6734	1.104	1.104	0.9595
875	0.5319	0.5508	0.2175	0.5202	0.9123	-0.07859	0.8017	0.4225	0.3875
876	0.06437	0.5033	-0.1	0.02266	1.325	-0.05609	1.054	0.685	1.07
877	0.2627	0.7316	-0.5217	0.1709	1.153	-0.4178	1.752	0.8733	0.8883
878	0.6544	0.8633	-0.57	0.2727	1.335	-0.3261	1.314	0.935	1.1
879	0.6881	0.967	-0.4162	0.8364	1.279	1.258	0.8479	0.6387	0.4838
880	1.529	0.3581	-0.2752	-0.1525	0.5896	0.2087	0.769	0.9198	0.9548
881	1.037	0.7458	-0.6375	-0.1848	0.7973	0.4264	0.3067	0.5675	0.7825
882	0.7705	0.7994	-0.1339	0.3687		-0.13	0.1803	0.4611	0.08609
883	1.272	0.01063	-1.393	-0.78	-0.09789	0.5413	-0.4085	0.2023	0.5173
884	0.5625	1.031	-0.1919	0.02078	-0.1271	-0.007969	0.2123	-0.01688	-0.1719
885	-0.6434	2.786	-1.588	-0.4351	1.347	0.09617	1.156	0.7273	0.9023
886	-0.1745	0.03438	-0.4589	-0.2762	0.3659	-0.325	0.3953	0.2361	0.5611
887	-0.01313	-0.3242	-0.9475	-0.4248	1.307	0.03641	1.497	-0.0125	1.213
888	1.043	0.952	0.1588	1.261	1.194	0.4027	-0.3671	0.2637	-0.02125
889	0.948	-0.003125	-0.2564	0.3563	0.4484	-0.8425	-0.7522	-0.2014	0.003594
890	0.5685	0.3374	-0.3359	-0.2332	0.7289	-1.092	-0.5317	-0.8609	-0.2159
891	-0.3073		-0.3817	0.7309	0.673	-0.06781	1.182	1.113	1.078
892	-0.5267	-0.02781	-0.3211	0.01156	0.8237	0.1728	1.573	0.9339	1.019
893	0.2267	0.2856	-0.7877	-0.125	0.3271	0.6762	0.8365	0.3973	0.4223
894	-0.01313	1.786	-0.3275	1.165	0.07727	-0.003594	0.7467	0.7275	0.9125
895	-0.04438	0.2345	-0.05875	0.6139	1.846	1.285	1.495	0.03625	0.2813
896	0.7396	0.7385	-0.8448	-0.3621	-2.33E-12	0.3191	0.6394	-0.5098	-0.3848
897	0.4733	0.03219	-0.5811	-0.1784	1.314	0.07281	1.253	0.2539	0.3989
898	1.195	0.3644	-1.649	-0.2362	1.996	-0.925	0.8553	0.7861	1.001
899	0.3344	0.02328	-0.8	-0.007344	-0.1952	-0.7261	-0.3658	0.335	-0.04
900	-0.8156	0.4233	-0.42	-0.1673	0.4848	0.02391	1.094	0.855	0.15

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
901	-0.197	-0.008125	-0.6414	0.03125	0.1934	0.7225	1.663	0.3836	0.4986
902	0.8055	0.07438	-1.029	0.1238	0.3159	0.545	-0.1047	0.3061	0.5011
903	0.1631	0.122	-0.7612	-0.3486	0.1035	1.043	0.2729	1.164	1.019
904	0.5337	0.9827	-0.2206	-0.01797	0.5541	0.4033	-0.1364	1.064	-0.02063
905	0.07437	-0.7367	0.35	0.2127	0.3748	-0.3261	0.1442	-0.315	-0.17
906	0.83	0.4589	-0.5744	-0.2417	0.1004	-0.2105	-0.0001953	1.321	1.506
907	0.05625	-0.4948	-0.6681	0.2545	0.5666	0.4958	0.9561	1.307	0.4819
908	0.08266	0.02156	0.09828	-0.07906	0.883		-1.598	0.2433	-0.1017
909	-0.0075	-0.5086	-0.02187	0.2308	0.08289	1.162	0.8123	0.5431	0.1681
910	1.941	0.04953	-0.2637	0.07891	0.531	0.0001563	-0.8896	-1.019	-0.5138
911	0.2802	0.1291	-0.4841	-0.1515	0.1406	-0.03023	3.91E-05	0.4809	1.176
912	0.2719	-0.5792	0.0475	0.5202	0.9723	1.931	0.4017	3.972	2.878
913	0.4219	0.4508	-0.2025	0.5102	-0.2577	0.8814	-1.678	2.242	1.878
914	0.1544	0.08328	-0.81	0.4727	0.3748	-0.3261	0.7642	0.285	0.29
915	-0.2984	0.4105	0.1172	0.7098	0.662	1.081	1.561	0.6122	0.5772
916	-0.5073	-0.4684	0.07828	0.03094	0.03305	0.4122	0.2925	0.9533	0.2683
917	0.7044	0.4233	-1.05	-0.5573	0.1348	-0.2961	-0.2558	0.515	0.31
918	-0.3278	0.6211	-0.2522	-0.2195	0.6526	0.4617	0.722	-0.09719	-1.612
919	1.043	1.162	-0.3617	-0.1191	0.543	-0.2678	0.2225	-0.2167	-0.3417
920	0.0968	0.0757	-1.028	-1.095	-0.4828	-1.004	-0.2834	0.1574	-0.3176
921	-0.06563	0.2233		-2.777	-0.2252	-2.106	-0.9458	-0.555	
922	1.72	-0.6609		-0.6916	-0.8195	-0.6703	-0.58		-0.1142
923	-0.4884	0.4505	-0.2928	0.02984	0.442	0.6711	0.1714	0.4322	0.07719
924	0.2403	0.1892	-1.064	-0.2714	0.0007031	-0.0001563	0.09012	0.1309	0.4459
925	-0.1634	-0.3045	0.3722	-0.3652	-0.05305	-0.4539	1.246	1.587	1.472
926	-0.02344	-0.02453	-0.6578	-0.5052	-0.09305	-1.794	1.166	1.687	0.6022
927	-1.051	-0.6919	-0.1652	-0.2125	0.1496	0.6787	1.749	1.61	1.095
928	-0.1556	-0.02672	-0.62	-0.7073	0.2548	-0.03609	0.1842	0.865	0.72
929	-0.03563	0.1733	-0.15	-0.2873	-0.1752	-0.5861	0.4542	0.145	0.21
930	-0.3156	0.5733	0.14	0.8027	1.455	-0.9761	0.9442	0.395	0.05
931	-0.2431	0.5458	-0.6875	0.3152	0.3173	-1.714	-0.4033	0.0075	-0.0575
932	0.8937	-0.1473	-0.8906	0.05203	0.3441	-1.007	-0.7464	-0.3456	-0.4706
933	1.312	1.191	-0.1926	1.76	-0.2778	0.2613	-0.8084	-0.1976	-0.2226
934	-0.4456	-0.2267	-0.22	-0.1473	0.3748	0.6539	0.8242	-0.395	-0.9
935	-0.653	0.3459	-1.457	-1.555	-0.6727	-1.104	0.5268	2.158	0.6026
936	-0.1469	0.612	0.2787	1.241	-0.1265	0.04266	0.7029	1.184	1.539

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
937	0.1158	0.6847	0.1314	1.244	0.1362	0.2553	0.2556	1.566	1.811
938	0.2059	0.5148	0.5816	0.2242	1.036	-0.7145	0.7257	0.9866	0.8416
939	-0.07063	-0.1117	0.395	0.1877	0.1498	0.3489	0.8592	0.71	0.605
940	0.3644	0.6433		0.5427	0.9948	-0.6461	0.5042	1.195	0.88
941	0.2444	0.8033	0.45	0.09266	0.4648	-1.256	-0.1258	0.665	0.84
942	0.3223	0.9013	-0.09203	0.5606	0.9527	0.2819	0.8521	1.843	0.558
943	0.2605	0.7894	0.8661	1.149	0.4409	-0.09996	-0.09969	1.031	0.6061
944	-0.1045	0.3044	0.5911	0.4338	0.5359	1.295	0.4653	-0.3239	0.03109
945	1.307	1.206	0.6423	1.205	1.297	0.4062	1.146	1.017	0.7523
946	0.6244	1.073	0.07	0.1427	0.7748	0.07391	0.4142	0.405	0.52
947	0.5044	1.813	0.01	0.9227			2.914	1.145	0.01
948	0.2894	0.7283	-0.025	0.5577	1.62	0.5689	1.759	0.43	0.145
949	1.454	2.333	-0.65	-0.4673	1.735	0.1639	0.1742	1.365	0.11
950	1.425	2.324	-0.5089	-0.4362	2.436	0.225	0.3753	1.266	0.3411
951	-0.01953	1.349	-0.3539	0.3188	1.121	-0.11	0.7403	1.561	1.026
952	0.4444	1.593	0.08	-0.2273	0.6948	-1.176	-0.6958	0.245	0.47
953	0.1587	0.9877	0.2344	-0.02297	0.1491	-1.372	-0.2514	0.9994	1.084
954	1.809	0.7983	0.885	1.148	0.9298	-1.371	-0.2508	0	0.895
955	0.4294	1.018	-0.675	0.7177	0.2798	-0.2111		2.39	-0.655
956	-0.3556	1.303	0.3	-0.1673	-0.1252	-0.6261	0.4942	1.105	0.28
957	0.8716	1.39	0.4472	1.14	0.362	0.4511	0.2514	1.372	1.147
958	1.19	0.8594	0.4761	1.219	0.2909	-0.53	-0.1597	0.7611	1.396
959	1.111	0.7195	1.016	1.799	0.341	0.0001563	-0.1296	1.401	1.376
960	1.61	1.039	0.8959	1.789	0.0007031	-1.07	0.5001	1.191	1.366
961	1.624	1.463	0.88	1.773	0.5448	-0.8561	0.06418	1.705	1.26
962	0.4697	0.4086	0.6253	0.898	-0.3799	0.1192	-0.2605	1.08	0.3753
963	0.8011	1.64	0.4367	1.109	1.371	-0.07938	0.3609	1.932	1.967
964	0.7673	1.416	-0.01703	0.7256	-0.002266	-0.3231	-0.1929	1.088	1.673
965	0.4956	0.6845	1.091	1.994	0.306	-0.2748	-0.01457	1.416	0.2913
966	-0.7963	0.8027	-1.031	-1.068	0.6841	-0.2467	-0.4864	1.434	1.379
967	-0.4556	1.073	-0.54	-0.3073	0.3348	0.03391	-0.00582	1.455	1.68
968	-0.6823	1.317	-0.8866	-0.664	-0.1619	0.2673	0.6575	1.488	1.763
969	0.47	0.6689	-0.2144	0.1183	-0.2496	-0.3405	-0.4002	0.8606	1.036
970	1.01	1.159	0.5159	1.159	0.7006	-0.3302	3.91E-05	0.7909	1.046
971	0.02828	0.6372	0.1839	1.387	0.7387	0.4278	0.7381	1.969	1.554
972	-0.4507	0.3982	0.07488	1.388	1.01	-0.02121	0.6291	1.7	1.325

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	-1	1	1	1	1	1	1
973	-0.1266	0.5323	0.289	1.412	0.4938	-0.2471	0.4732	1.814	1.279
974	0.1195	0.5184	0.07516	-0.002188	0.9699	-0.6609	1.209	1.83	0.1552
975	0.2044	0.7533	-2.81	-0.2773	0.4748	-1.326	0.7042	1.695	1.48
976	0.3994	-0.3417	1.875	1.398	-0.1202	-0.9311	0.03918	0.98	1.725
977	0.7931	0.672	-0.1012	0.09141	-0.2765	-1.097	0.1829	1.344	1.199
978	0.307	0.2559	0.9127	0.005313	-0.09258		1.257	0.7077	1.663
979	0.2694	1.698	-0.025	-0.5323	0.6098	-0.2011	0.5092	1.16	0.685
980	1.191	1.25	0.3569	0.1095	0.3716	-1.189	-0.3089	1.822	1.037
981	0.08437	-0.8767	-0.13	0.9927	0.4748	0.1139	0.7142	-1.185	-0.62
982	-0.2664	0.8825		-0.7181		-0.006836	0.6534	0.4243	0.4193
983	-0.8056	-0.2367	-0.32	-0.1673	-0.1752	-0.3961	0.3942	0.265	-0.08
984	-0.009688	-0.4608	-0.7141	0.2286	-0.0993	2.05	-0.5299	-0.1891	-0.04406
985	-0.1641	-1.955	-0.3284	0.4042	-0.5237	2.705	-0.2143	-0.2134	0.3616
986	-0.2898	-0.5409	-0.3641	0.2885	-0.5294	2.34	-0.21	0.1209	0.7759
987	-0.4131	-1.914	-0.6175	0.2052	-1.393	1.996	-0.8633	-0.0125	0.2825
988	0.2294	0.2283	-0.845	0.2777	-0.01023	0.1889	0.5692	0	0.175
989	-0.2656	0.3433	0.2	-0.2773	0.2748	0.4439	0.4042	0.365	0
990	0.03687	-0.4542	-1.328	-0.4048	-0.4727	0.1564	-0.1433	-0.2225	-0.3475
991	-0.06432	0.1946	-0.9987	-0.006035	-0.6939	-0.1248	0.1555	0.1463	
992	-0.06094	0.208	-1.225	-0.4027	-0.9805	-0.2714	-0.5511	0.3897	1.055
993	-0.2444	0.2245	-1.719	-0.4461	-0.844	-0.1448	-0.2546	0.2362	0.06125
994	0.4244	0.7933	-0.61	2.513	-0.3552	0.1039	-0.4258	-0.485	-0.06
995	0.5194	0.1183	0.325	1.108	0.5598	1.239	-1.101	0.36	0.175
996	0.6469	0.9458	0.8825	0.6752	-0.3527	-1.264	-0.07332	-0.5925	-0.6875
997	0.03234	0.1213	0.358	0.7106	-0.01727	0.1119	-0.1279	-0.117	0.278
998	1.384	1.743	1.18	1.403	1.405	0.6439	1.374	1.495	0.84
999	1.38	1.849	0.6056	1.238	1.25	0.2895	1.28	1.211	1.366
1000	1.524	3.023	0.29	0.5227	1.145	1.514	2.704	3.005	2.06
1001	0.07918	0.4581	1.005	0.3575	-0.2704	-0.7913	0.429	1.44	0.8648
1002	-0.2455	0.1634	-0.4498	0.6928	0.3549	-0.1859	0.6143	1.475	
1003	-0.4915	-0.1926	-0.05586	0.5668	-0.09109	-0.492	0.4483	2.049	1.144
1004	-0.5606	-0.4317	-0.115	0.3977	0.2298	-0.04109	0.8092	1.75	1.025
1005	0.1741	-0.167	-1.23	-0.6577	0.6145	-0.2364	1.134	2.775	1.2
1006	0.1044	0.04328	0.24	-0.3973	-0.4452	-0.3061	0.3442	1.465	0.69
1007	-0.3956	0.9433	0.2	0.5327		-0.3961	0.6242	1.445	0.57
1008	0.1769	0.06578	0.7825	0.8352	0.1373	-0.5136	0.08668	1.037	0.3525

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1009	-0.4331	0.7058	0.7725	0.5052	0.6573	-0.9236	0.6667	1.867	1.022
1010	-0.4031	0.09578	0.7625	1.505	0.4973	1.666	0.2167	0.5575	0.6525
1011	-0.4156	-0.04672	0.47	-0.4173	-0.005234	-0.3061	-0.2458	1.135	0.74
1012	-0.2656	0.2833	1.02	0.6027	0.6548	-0.4161	0.03418	2.005	1.18
1013	0.5489	0.8778	0.06453	0.4072	0.6593	-0.5816	0.4087	1.32	0.8345
1014	0.2745	0.7934	-0.6298	0.7928	0.8749	-0.9659	0.05434	0.7952	0.4502
1015	0.2437	0.5527	-0.1006	0.662	0.5141	-0.01672	-0.2564	0.5644	0.7794
1016	0.292	0.06086	-1.342	-1.56	-1.748	0.7715	-0.7482	-0.5574	-0.9124
1017	-0.03563	0.8833	-1.13	0.06266	-0.4852	0.7739	-0.01582	0.725	0.55
1018	0.1144	0.5233	-0.1	0.1027	-0.07523	0.4739	-0.6358	0.545	0.07
1019	0.1936	0.8725	-2.551	-0.8182		-0.7269	-0.04664	-0.9158	-0.9508
1020	0.3744	0.05328	-1.79	-1.217	0.2748	-0.3261	-0.3858	-1.315	-0.35
1021	-0.2416	0.1473	-0.1059	-0.2533	-0.3412	-0.162	0.1582	0.2691	-0.2859
1022	0.1544	-0.05672	-0.69	-0.5373	0.4148	-0.3061	-0.8258	-0.055	0.01
1023	0.2744	-0.4367	-0.37	-0.9573	-0.5052	-0.8661	0.07418	-1.635	-0.67
1024	-0.1998	0.04906	1.136	1.558	0.9705	0.7397	0.2	0.2708	0.2858
1025	0.4494	1.408	-0.115	0.3877	1.32	0.6589	0.9092	0.34	0.985
1026	0.5445	0.6534	0.4402	2.103	0.2349	0.2741	0.9643	0.8552	0.2402
1027	-0.06125	0.1077	0.2844	1.117	1.739	-0.07172	0.8086	0.1794	-0.3556
1028	0.2623	0.3712	0.478	1.741	0.5527	0.3619	-0.1879	-0.157	0.148
1029	1.444	1.063	0.1	2.093	0.6148	-0.7361	-0.9958	-0.605	-0.54
1030	0.3473	0.6162	-0.4471	1.106	-0.1623	-1.033	-0.6129	0.3379	1.183
1031	0.2175	0.7064	0.7831	0.9958	0.4179	-0.002969	0.2473	0.6481	0.9731
1032	-0.04563	1.043		1.463	1.625	-0.05609	-0.6858	1.205	1.03
1033	0.8978	1.377	0.2934	1.416	1.298	0.1173	-0.1624	-0.7816	-0.0466
1034	-0.1305	0.2484	0.6252	1.108	0.4299	0.4791	-0.02066	-0.01984	0.4452
1035	0.08437	1.233	0.69	2.073	1.055	0.003906	-0.05582	0.795	0.41
1036	0.5805	1.129	0.6161	2.269	0.7909	-0.1	-0.1997	0.8411	0.4361
1037	0.3937	1.753	0.7694	2.272	1.224	-0.2767	-0.06645	0.9444	0.6394
1038	-0.434	0.3549	0.1416	1.244	0.4064	-0.6345	0.3358	0.5366	-0.09836
1039	0.1844	0.9933	0.32	1.013	0.5048	-0.6961	-0.7558	0.965	0.66
1040	1.402	1.831	0.0675	1.95	0.7023	-0.3686	-0.02832	0.3225	0.5075
1041	1.079	1.828	0.855	2.248	1.11	0.3789	0.4992	1.1	0.785
1042		0.7308	0.2875	1.35	0.4223		-0.6983	-0.4375	-0.5025
1043	-0.03211	0.1468	0.5135	0.2762	0.09828	-0.6626	-0.2723	0.2185	0.3435
1044	0.2744	1.043	0.37	0.8627	0.8748	-0.6961	-0.02582	1.055	1.18

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1045	0.5869	1.476	0.1525	0.3552	0.4373	-1.704	-0.1033	1.238	0.9125
1046	0.4174	1.286	-0.647	0.4257	-0.4822	-1.873	-1.933	-0.262	0.153
1047	0.9771	1.726	0.2827	2.025	1.317	-0.7934	-0.2731	0.3077	0.5327
1048	0.1749	1.284	0.1505	1.433	0.3753	-1.486	-0.3853	1.386	1.511
1049	0.2801	0.759	-0.3443	1.138	0.1105	-0.9504	-0.7801	-0.1093	0.2457
1050	0.8671	0.866	0.9327	1.805	0.1375	-0.1234	-0.3331	0.3377	0.4827
1051	0.1387	0.7477	-0.09562	0.857	-0.5409	-3.782	-1.021	0.7594	1.394
1052	0.1127	0.6016	0.8284	1.031	0.6331	-0.1277	0.01254	1.343	1.208
1053	0.2794	1.058	0.575	1.768	1.21	0.04891	0.2692	0.84	0.335
1054	0.6211	0.79	0.4467	1.229	1.291	-0.1194	0.2409	0.5817	0.7167
1055	-0.4544	0.8345	0.9813	0.8139	1.136	-0.4848	-0.3446	1.166	0.5013
1056	0.03609	-0.145	0.1217	0.5144	0.1565	-1.074	0.8659	0.5567	0.7217
1057	0.7619	0.6608		1.06	0.3223	-0.1586	-1.428	-0.6575	-0.3525
1058	0.4906	1.11	-0.02375	1.529	0.921	0.0001563	-0.3496	0.9912	1.606
1059	0.4844	1.383	0.16	0.6127	0.03477	-1.156	-0.4758	1.635	0.41
1060	0.7147	0.8136		0.563	-0.2749	-1.196	-1.016	0.5253	0.3303
1061	0.0175	0.8464	1.403	1.976	1.508	-0.333	-0.2627	1.188	0.9131
1062	-0.00625	0.8127	0.4694	1.322	0.3241	0.4433	1.144	0.2844	0.4394
1063	0.004375	0.9433	0.52	1.223	0.7448	-0.1661	0.2842	1.495	0.61
1064	0.6594	1.918	0.255	2.798	0.4998	-0.06109	-0.1208	0.68	0.945
1065	0.8344	1.603	0.37	2.163	0.7548	-0.9661	-0.6458	1.365	0.91
1066	0.7087	1.808	0.4244	2.137	0.7391	-0.6517	-0.08145	1.439	1.224
1067	-0.3635	0.3554	0.8321	1.245	0.1869	-0.394	-0.3837	0.3371	0.7221
1068	0.14	0.6689	0.6756	1.528	1.06	-0.5605	-0.1402	0.6006	0.4456
1069	0.3744	0.7733	0.56	1.693	0.7648	0.06391	0.04418	0.155	0.42
1070	0.7137	1.833	0.4994	1.662	1.534	-0.3167	-0.6264	0.4944	0.1694
1071	0.5494	0.8083	0.165	2.378	0.1798	0.6089	-0.5408	0	-0.705
1072	0.9884	0.3473	-0.116	2.457	-0.2913	0.2679	-0.4418	-1.571	-1.066
1073	0.2906	0.3495	-0.00375	1.309	0.181	0.0001563	-0.03957	-0.2588	0.1962
1074	0.5917	1.081	0.3173	1.31	-0.02789	-0.5188	0.2215	0.3123	-0.1427
1075	0.1804	0.1093	-0.09402	0.9986	0.04074	-0.1301	0.0001563	0.0009766	0.03598
1076	0.1466	1.075	1.042	2.685	0.427	0.3661	-0.1036	0.4772	1.002
1077	-0.4019	0.637	-0.4662	0.03641	-0.07148	-1.702	-0.5321	1.149	0.6038
1078	0.7019	0.6708	0.6775	1.9	0.6023	-0.008594	-0.3783	0.1825	-0.1025
1079	0.8013	0.0602	0.09691	0.2996	0.3517	0.02082	0.8511	1.542	0.5469
1080	1.015	2.044	0.5711	1.974	1.736	0.285	-0.3747	0.06609	0.7211

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1081	0.4922	0.9211	0.1479	1.771	0.9926	0.1418	-0.508	0.2229	-0.03215
1082	0.4244	1.443	-0.76	0.9927	0.8748	-0.8261	-0.5058	-0.225	-0.12
1083	0.4772	1.146		0.6055	0.1776	-0.2333	-0.683	-0.03219	0.01281
1084	0.3119	0.4008	-0.8125	1.01	0.002266	0.5714	0.4717	-0.6175	-0.3225
1085	0.4875	0.7064	-0.1569	-0.2542	-0.1121	-0.08297	-0.1827	-0.8919	-0.2069
1086	1.957	1.856	-0.1675	0.4252	0.4373	1.176	-0.4433	0.1675	0.1425
1087	1.314	2.383	1.39	2.573	1.395	0.8039	0.3942	1.715	0.94
1088	1.802	3.051	2.798	2.46	2.183	0.7417	0.162	1.183	0.4378
1089	1.651	2.269	2.286	4.079	3.501	1.8	0.07035	-1.769	-1.504
1090	1.414	2.143	0.76	1.423	1.795	0.4539	0.5542	0.855	0.9
1091	0.5444	1.103	1.38	1.873	1.745	0.2739	0.2442	1.085	0.59
1092	1.034	1.173	0.93	2.793	0.7448	0.06391	0.07418	-0.115	0.07
1093	0.6217	0.9106	0.5373	2.3	0.7021	1.061	-0.1385	-0.3177	0.5573
1094	1.076		0.8712	2.394	1.126	0.3451	0.8354		0.5412
1095	1.39	2.369	0.8356	2.438	0.9504	0.4895	0.5298	0.8506	0.7456
1096	0.9656	2.385	0.4313	2.064	1.046	0.1752	0.2654	1.056	0.8613
1097	0.7844	1.843	0	1.743	0.4548	0.1639	-0.3158	0.055	0.4
1098	0.8366	1.685	0.6722	2.465	1.097	1.196	0.8564	0.8172	0.4522
1099	1.108	2.427	0.9734	2.266	0.7481	0.3273	0.4175	1.218	0.1434
1100	1.229	1.548	0.575	1.818	0.3398	0.01891	-0.04082	0.42	-0.205
1101	0.6994	0.3083	-0.365	-0.1123	-0.0002343	0.4989	0.3792	-0.08	0.395
1102	-0.02844	0.3305	1.097	0.5998	1.122	1.871	1.481	2.042	2.637
1103	0.2144	1.013		0.7827	0.6948	-0.4661	0.7642	1.615	1.31
1104	-0.256	0.05293	0.5196	0.4823	0.2744	-1.156		-0.1354	
1105	0.6868	0.1257	0.2224	0.05508	-0.1328	-1.074	0.1466	-0.3326	0.3724
1106	-0.5662		-0.5305	-0.8579	-0.4958	-1.117	-0.3464	0.8745	0.2695
1107	1.009	0.3383	-1.495	-0.4123	-0.7702	3.449	-1.071	-0.15	-0.295
1108	-0.0075	1.061	-1.692	-0.09922	-0.8471	0.03203	-1.728	0.1431	0.2481
1109	0.6044	0.7633	-0.89	-0.2073	0.1248	-0.5961	-0.2158	0.115	-0.38
1110	0.8944	-0.2067	0.75	-0.2673	-0.6552	-0.3961	-0.3658	0.565	0.01
1111	0.07047	0.4894	-1.064	-0.4912	-0.3291	0.02	-0.06973	-0.03891	-0.1639
1112	1.237	0.04547	-1.438	0.02484	-1.693	-0.5739	-1.154	-0.5828	-0.6178
1113	0.2419	0.6008	-0.9225	-0.2698	0.2623	1.021	-0.5183	1.162	0.6175
1114	0.3349	0.5238	-1.359	-0.2968	-0.1347	0.5445	-0.6453	0.8655	0.7705
1115	0.2249	0.5538	-0.6595	0.4732	-0.2247	0.09445	-0.4453	0.6755	0.4705
1116	-0.1477	0.3813	-0.742	-0.1094	-0.4373	-0.6981	0.3421	1.433	0.888

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1117	0.9205	1.159	-1.394	-0.7112	-0.2091	-1.08	-0.7997	-0.01887	-0.5939
1118	0.8472	0.2961	-1.697	-0.3445	-0.7024		0.247	0.5278	-0.02719
1119	0.7969	0.9958	-1.497	-0.7548	-0.3127	-1.884	-0.4733	-0.0025	-0.8875
1120	-0.05563	-0.2667	-1.86	-0.7773	-1.065	-1.466	-0.5958	-0.215	0
1121	1.197	-0.1238	-1.257	-0.7845	0.2477	-1.623	-1.173	-0.6521	-0.7471
1122	0.8794	-0.2717	-1.995	-0.7823	-1.47	-0.9311	-1.141	-0.45	-0.915
1123	0.583	-0.01813		-0.5788	-1.437	-0.0875	-0.5172	-0.8264	-0.1114
1124	0.7367	0.2856	-1.888	-0.775	-0.4329	-1.084	-2.083	-0.1627	0.2423
1125	-0.1253	0.09359	-0.8097	0.653	-0.5049	0.08422	-0.4455	0.6753	0.6903
1126	1.57	-0.9608	-2.414	0.4386	0.0007031	-0.4102	-0.6499	0.1209	-0.5441
1127	0.2752	0.07414	-0.5191	0.1735	-1.554	-0.7552	-0.905	-0.2741	-0.2291
1128	-0.2869	0.522	-0.4513	0.1014	-1.046	-1.577	-1.137	0.02375	0.03875
1129	0.5905		0.4661	-0.2712	-0.2791	-0.71	-0.7697	-0.1589	-0.5539
1130	1.399	0.3383	-1.875	0.007656	-0.3402	-0.5611	-1.061	-0.04	-0.275
1131	0.78	0.6489	-1.454	-0.7417	0.07039	-1.31		0.1906	
1132	0.4644	0.9133	-0.19	0.1727	-0.5652	-1.126	0.1042	0.025	-0.23
1133	0.9843	0.8532	-0.7501	0.2325	-0.1854	-0.7962	-1.316	0.5249	0.03988
1134	0.765	1.054	-0.4294	0.3333	-0.1946	-1.235	-1.195	0.2356	0.06062
1135	1.364	0.3626	-0.5907	0.182	-0.2559	-0.8968	-0.7865	-0.4257	-0.1507
1136	0.8866	0.1255	-1.448	-0.2552	0.207	-1.134	-0.2636	0.2372	-0.01781
1137	1.254	0.4033	-0.73	-0.1273	-0.9852	-0.9961	-0.8658	0.445	0.06
1138	0.763	0.5419	-1.181	0.00125	-0.1766	-0.6475	-0.1772	0.2136	0.4186
1139	0.9366	-0.1845	-1.138	-0.5552	-0.853	-1.664	-0.5636	0.08719	0.2922
1140	0.7891	0.748	-0.9753	-0.2827	-0.9105	-1.531	-0.2511	0.2097	-0.3053
1141	0.5917	-0.01937	-0.5227	-0.06	-0.08789	-1.519	-0.3685	0.2623	0.1373
1142	0.3169	0.4358	-1.138	-0.6448	-0.3327	-0.6536	-0.5633	0.6975	0.9425
1143	0.9369	-0.07422	-2.177	-0.4748	-0.8227	-0.7636		-0.0625	-0.1575
1144	0.8894	0.03828	-1.495	-0.6823	-0.8002	-0.8511	-0.8008	0.86	0.935
1145	0.7844	1.073	-0.43	0.04266	-0.8552	-0.7961	-0.3458	0.925	0.26
1146	1.825	-0.04641	-0.5997	-0.177	-0.7949	-0.7358	-0.7455	0.6753	0.4803
1147	0.07437	-0.1867	-1.24	-0.5773	-0.9052	-1.066	-1.126	0.545	0.75
1148	0.4194	-0.04172	-0.345	0.09766	0.2998	0.3189	0.03918	0.31	0.165
1149	0.3544	0.5733	-1.23	-0.1773	0.3748	-0.03609	-0.1958	-0.135	0
1150	1.19	0.1884	-1.265	-0.4022	-0.5101	-1.311	-1.191	-0.3198	-1.535
1151	0.4044	1.203	-1.74	-0.7473	-1.795	-1.656	-1.156	0.335	-0.32
1152	0.2037	0.2127	-1.161	-0.348	-1.236	-0.4967	-0.1664	1.134	0.6194

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1153	0.9575	1.726	-2.337	-1.564	0.5879	-0.713	-0.1527	-0.4319	0.2031
1154	0.8709	-0.1402	-0.9134	0.2692	0.2513	-0.5195	-0.2893	0.06156	-0.5234
1155	0.03062	0.4595	-1.274	-1.121	-0.829	-0.3498	-0.08957	-0.2188	-0.7738
1156	0.3694	0.6883	-0.845	-0.4523	-0.1102	-0.8211	-0.4608	0.02	-0.675
1157	0.2194	0.9983	-1.825	-1.672	-1.42	-1.261	-2.051	-0.83	-0.535
1158	0.5256	0.9445	-1.489	-1.236	-1.034	-0.5048	-1.305	-1.434	0.4113
1159	0.5544	-0.1867	-1.11	0.06266	-1.075		-3.346	-0.595	
1160	0.4844	0.04328	0.1	0.7627	-0.1052	-1.466	-0.6458	0.435	0.19
1161	-0.4169	0.572	-0.6313	0.2314	-0.06648	0.8127	0.04293	0.09375	-0.1213
1162	-0.009375	0.5095	-2.274	-0.6411	-1.409	0.0001563	0.1704	0.2912	-1.054
1163	0.4044	0.6433	-0.09	-0.2273	-1.745	-0.4661	-0.3758	1.105	1.6
1164	-0.1445	0.5344	-0.6289	0.1238	-0.1241	0.175	-0.6847	0.9861	0.5911
1165	0.08461	0.3635	-1.11	-0.6271	-0.515	-0.7059	0.5144	1.275	1.33
1166	1.661	-0.2605	-0.8137	0.1089	0.201	0.0001563	-1.57	0.03125	-0.3738
1167	1.064	0.9133	0.54	0.3327	0.07477	-1.906	-1.436	-0.605	-0.3
1168	1.243	1.122	0.1988	0.2914	0.3135	-2.157	-1.537	-0.2463	-0.5212
1169	-0.2981	-1.649	-0.7025	1.16	-0.6677	-0.1386		0.2025	0.0675
1170	2.144	1.223	-0.43	0.4727	0.4448	-1.136	-0.1158	0.575	-0.01
1171	-0.3256	-0.05672	-0.69	-0.007344	0.1348	0.04391	0.1642	0.545	0.16
1172	4.264	-0.3074	1.799	1.962	-0.2859	-0.4468	-0.8665	-1.306	-0.8107
1173	0.2794	0.008281	2.015	1.758	0.6798	0.3489	-0.2608		-0.555
1174	2.334	1.263	2.42	2.133	0.3648	-0.1361	-0.2958	-1.095	0.37
1175	-0.06277	-0.6839	0.9829	1.946		0.3368		-1.822	
1176	0.9975	0.07641	2.783	2.796	1.848	-0.04297	-1.363	-1.912	-0.1169
1177	-0.6034	1.275	0.3822	0.6748	0.517	0.8361	-0.4536	-0.6328	-1.148
1178	-0.05352	-0.4546	-0.2379	1.185	-0.5631	0.316	-0.1537	0.2071	0.2921
1179	3.347	-1.595	0.4122	1.815	-0.373	-0.9839	1.876	-0.2528	-0.1478
1180	0.02859	0.1475	0.6142	0.06688	0.449	0.6881	1.018	1.369	1.344
1181	-0.3863	0.5627	0.1694	-0.398	-2.976	-1.387	0.5936	1.674	1.259
1182	0.4911	0.16	0.6367	-0.5006	-0.9585	-1.429	-0.0991	1.032	0.1167
1183	0.7216	2.03	-0.6028	-0.4502	0.862	-0.7189	0.8414	1.102	0.07719
1184	0.7944	-0.1567	1	0.1627	0.7148	0.2239	1.694	0.865	0.51
1185	1.187	-0.03359	0.7231	1.216	1.328	0.517	1.467	0.8881	0.5331
1186	0.4169	0.6458	2.452	1.795	0.4673	0.8564	0.8967	1.027	-0.9275
1187	0.1844	0.4733	2.62	1.933	0.07477	0.8739	1.324	1.235	-1.07
1188	3.004	1.793	1.62	1.403	0.3748	-1.606	0.7842	0.885	0.01

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1189	0.9372	-0.3339	0.8928	1.435	1.108	-1.173	0.997	-0.7122	-1.067
1190	0.2817	0.9006	0.2273	0.83	0.7321	-0.1187	0.5615	2.312	1.057
1191	1.28	0.05891	0.6056	1.248	0.3804	0.7295	0.3498	1.101	1.066
1192	1.225	0.8042	0.1309	0.9436	-0.3243	-0.03516	0.1351	1.576	1.191
1193	1.088	0.3772	0.7539	1.357	0.3287	0.3978	0.3681	0.5989	0.6839
1194	1.224	0.5333	0.39	0.7627	0.1648	0.4739	0.9142	1.145	0.66
1195	0.7487	0.6577	0.1644	0.807	0.3991	-0.4217	-0.3414	0.4194	0.8544
1196	0.5303	0.05922	-0.02406	1.009	0.0007031	-1.59	0.2801	-0.4291	-0.2941
1197	0.3294	-0.3317	0.835	1.678	0.4798	0.8389	0.4992	0	-0.205
1198	0.4422	0.4611	0.8378	1.06	1.203	0.5717	1.002	1.133	-0.05219
1199	0.3544	0.1333	0.61	1.433	0.5448	0.8339	1.894	1.685	0.55
1200	-0.03148	0.5474	0.4841	0.6268	0.1289	-1.202	0.07832	-0.2509	-0.4459
1201	0.1894	0.2983	0.815	1.088	0.7298	-0.5411	0.7092	-0.13	-0.755
1202	0.01023	0.6391	0.07586	0.07852	-0.01937	0.2198	3.91E-05	-0.2291	-0.7941
1203	1.394	0.3033	0.49	0.3627	0.5148	-1.216	0.1142	0.585	0.53
1204	0.04187	0.6008	0.3675	1.85	1.342	-0.5986	-0.06832	1.472	0.9975
1205	0.2635	-0.5376	-0.6309	-0.2782	1.354	-0.767	0.9833	0.1041	-0.3109
1206	0.3427	-0.2384	-0.7517	0.1209	0.503	-0.5378	0.8825	0.5233	0.03828
1207	0.6241	0.783	0.6498	1.062	0.7545	0.8137	0.1239	0.1048	0.06977
1208	-0.3356	-0.8467	0	1.613	0.9148	0.4639	0.3942	0.935	1.01
1209	0.3494	-0.9117	-0.165	1.598	1.57	-0.5111	1.099	0.64	0.935
1210	-0.2273	-0.9184	-0.2917	1.511			1.062	0.5133	0.3983
1211	-0.1452	-0.6863	0.1204	0.6731	-0.1248	0.2643	-0.03539	0.03543	0.1804
1212	-0.7505	-0.4816	0.05516	0.3678	0.3299	0.3691	0.3593	-0.1098	-0.2648
1213	-0.62	-1.131	0.3256	0.8683	0.8404	0.6795	0.7698	0.02062	0.4756
1214	1.894	1.073	0	0.5827	0.8548	0.3139	0.8142	2.205	1.68
1215	1.914	1.783	-0.28	0.7527	1.045	-0.1261	0.9942	2.195	1.86
1216	2.005	1.584	-0.3589	0.6638	0.6359	-0.245	0.7053	2.336	1.821
1217	1.716	1.254	-0.01887	0.7238	1.106	0.735	1.195	1.536	1.211
1218	2.477	1.496	0.3725	1.055	1.597	1.336	1.667	1.837	1.742
1219	1.768	1.037	0.5534	1.536	0.7481		1.388	2.238	0.8534
1220	-0.3905	0.4984	-1.065	0.1178	0.8399	-0.3009	0.2293	1.22	0.4752
1221	1.88	2.299	0.5456	0.8883	0.7204	0.1495	1.95	2.511	1.766
1222	1.665	0.8536	0.2603	0.723	1.065	0.1842	1.184	1.515	0.9903
1223	1.444	1.423	1.05	1.503	1.585	0.7639	1.534	1.555	0.53
1224	2.417	0.8655	0.3323	0.5249	1.607	-1.264	0.9764	1.167	0.9623

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1225	1.12	1.169	0.1556	-0.01172	0.2104	-0.9005	0.9198	1.901	0.7356
1226		2.839	1.776	2.049	2.461	1.81	2.72	3.081	1.316
1227	1.917	2.266	-0.0776	1.335	1.337	1.176	3.077	3.647	2.382
1228	0.5944	1.543	1.46	1.633	1.625	0.06391	1.114	2.465	1.93
1229	1.243	2.352	-0.01164	1.181	1.673	0.6623	0.9625	1.733	-0.02164
1230	1.663	-0.3984	0.4683	0.6909	0.883	-1.938	1.072	0.2233	0.2483
1231	1.831	-0.2098	0.4769	0.8095	0.9316	-2.019	0.6111	0.2819	0.4169
1232	2.014	-0.1474	0.4793	0.942	0.5241	-1.787	0.5835	0.2343	0.6993
1233	-0.1656	-0.3967	0.99	1.403	0.9048	-0.2461	0.2342	1.005	0.44
1234	-0.7456	1.063	0.34	0.6927	-0.3352	-0.6661	-0.7058	0.335	-0.42
1235	-0.4741	-0.2452	1.461	1.124	1.096	0.1154	0.4157	0.2965	0.6315
1236	-0.4442	-0.07531	0.7214	0.8041	0.8862	0.6253	-0.3044	0.2464	0.9914
1237	-0.9356	-0.8267	1.47	0.02266	0.4648	-1.036	0.6442	-0.145	0.6
1238	-0.1956	-0.1067	-1.23	-0.7873	-0.1352	0.4539	-0.04582	0.655	-0.06
1239	-0.3541	0.4148	-1.698	-0.5758	-1.954	0.8555	0.7457	0.9166	1.022
1240	-0.6255	-1.387	-1.19	-0.7472	-0.5251	-0.08594	0.6043	0.8552	0.8902
1241	0.2944	-1.237	-0.84			4.604	-0.6558	-0.665	-0.75
1242	0.05687	0.2358	-1.608	-1.035	-0.5427	1.186	-0.00332	-0.8125	-0.5875
1243	0.2052	-0.4059	-0.7392	0.07344	0.1055	-0.4153	0.375	0.07578	0.8708
1244	0.5375		-1.287	-0.6042	0.2479	1.617	-0.1527	-0.2619	-0.4369
1245	-0.9429	-0.204	-1.537	-1.075	-1.632	2.197	-2.563	-0.4723	-0.7073
1246	-0.7456	-0.7167	0.33	-0.9073	0.03477	0.5539	0.7042	0.065	-0.83
1247	-1.536	-2.527	-0.3	-0.9373	-0.4952	0.8239	2.784	1.565	1.06
1248	-0.4856	-1.377	-0.5	-0.9573	-1.755	2.854	2.604	1.815	1.62
1249	-0.2856	-0.5067		-0.5773	-0.5052	3.694	1.934	1.365	1.48
1250	-1.528	-1.979	-1.542	-1.979	2.243	0.9819	2.592	0.853	0.718
1251	0.8676			-1.504	0.718	0.2171	-0.2826	0.08824	0.4632
1252	-0.005625			-1.167	0.3148	0.9039	-0.2658	0.165	0.01
1253	0.1994	0.1583	-0.915	-0.7623	-0.6502	0.9189	-0.8908	1.14	0.965
1254	-0.05563	-1.097			-0.5752	1.804	3.774	3.255	1.95
1255	0.1093	-2.582	-1.835	-1.982	-0.04033	2.729	4.249	4.74	2.765
1256	-0.05562	-0.5167		0.3227	1.015	2.204	1.184	2.775	2.24
1257	0.1144	-1.767	-1.26	-1.107	-0.8052	-0.2961	-0.8658	4.715	3.71
1258	-0.0025	-0.3136		0.4258	-0.3021	1.797	-0.0527	2.888	3.043
1259	-0.5189	-1.67	-0.5133	-1.251	-1.299	1.551	1.421	3.642	3.617
1260	-0.0008204	-0.9619			-2.13	0.1287	-1.611	2.81	2.915

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1261	-0.3006	-1.072	-0.225	-0.7123	-0.6502	4.719	-0.2508	3.74	4.055
1262	-0.9176	-0.8287		-1.929	-0.8972	3.262	0.6222	2.013	1.718
1263	-0.6656	1.413	-0.66	-1.297	-0.9752	1.574	1.804	-0.805	-0.11
1264	-0.9281	1.261	-1.552	-1.57	-1.078	1.351	0.3517	0.0325	0.1775
1265	-1.551	1.408	-1.965	-1.562	-3.09	0.9288	-1.591	0.6198	0.4248
1266	-0.2413	1.148	0.4244	0.327	0.6591	1.698	0.2686	0.1094	-0.1256
1267	0.2887	-0.9623	-1.116	-1.593	-0.9309	0.4083	0.1186	0.4194	-0.7256
1268	-0.25	-1.061	-1.514	-1.262	-0.8896	0.5395	-0.0902	-0.9394	0.6056
1269	-1.126	-1.158	-1.871	-1.138	-1.366	-0.167	-0.6067	-0.3559	1.249
1270	-1.416	-0.2574	-1.161	-0.808	-0.2959	3.543	-0.9065	-1.326	-0.6307
1271	-0.3656	-0.1367	-0.54	-0.8573	-1.045	1.334	0.5342	0.005	0.08
1272	-0.8656	-1.127	-2.72	-1.417	-0.01523	4.044	4.024	1.095	0.44
1273	9.31E-12	-0.8011	-0.8344	-0.2917	-0.4696	0.6695	-0.7202	-1.069	-0.7544
1274	0.6131	0.332	-1.811	-1.579	-0.4765	-0.007344	-0.6971	-0.8263	0.1587
1275	-1.493	-1.964	-0.5375	-1.445	-1.183	1.696	-0.6133	0.1775	0.0025
1276	0.03312	-0.608	-1.511	-0.2686	-0.2965	1.843	-0.2071		
1277	-0.5937	-0.6348	-2.468	-2.315	-2.093	1.456	-2.094	1.637	1.542
1278	-0.7356	-0.8267	-2.12	-1.507	-1.175	2.384	-1.136	1.795	1.88
1279	-0.66	0.9589	0.04563	-0.04172	-0.2896	0.2195	-0.3202	1.421	0.8956
1280	-1.188	1.371	2.908	1.59	-1.588	4.351	-1.318	0.1025	2.268
1281	-1.546	0.8633	0.88	-0.1973	1.335	2.624	0.5542	0.555	0.69
1282	0.1944	-0.3467	0.19	-0.3273	0.4848	1.934	0.7642	0.315	0.35
1283	-0.4117	0.3772	0.02391	-0.02344	-0.1713	0.6578	0.1081	0.2589	-0.6561
1284	-0.9045	-0.8856	0.7911	0.6038	-0.5641	3.105	1.055	-1.774	-1.279
1285	-0.2297	-1.001	0.9159	0.6186	0.0007031	1.11	0.2601	0.2809	-0.4441
1286	-0.1781	0.05078	0.1675	0.2002	0.5223	2.701	1.332	0.9425	0.8375
1287	-1.061	0.1477	0.8744	0.687	1.129	1.478	0.4586	-0.7106	-0.2556
1288	-1.506	0.7633	0.08	0.4327	0.1948	1.664	0.3942	0.215	-0.15
1289	-0.7756	-0.2767	0.21	0.4627	1.205	2.194	1.034	0.295	0.1
1290	-0.5208	-0.2519	0.5248	0.4875	0.3896	4.419	2.209	0.5798	0.1648
1291	-0.08109	-0.06219	0.1345	0.7272	-0.1907	3.728	-0.1913	1.33	0.8145
1292	-0.04344	-0.08453	0.8822	0.9648	0.637	2.696	1.276	0.3072	0.01219
1293	0.01852	-0.4026	0.4341	0.7168	0.3689	2.378	1.808	0.2491	-0.3059
1294	-0.6002	0.5787	0.1555	-0.001875	-0.1398	2.569	1.31	0.5505	-0.1545
1295	-0.4413	-0.2023	-0.3156	-0.263	-0.4909	1.768	-0.6014	-0.1106	-0.4456
1296	-0.2853	0.3036	-0.5697	-0.797	-0.2849	1.854	0.6545	1.495	0.7003

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1297	-0.2556	0.1833	0.04	-0.6673	0.6348	0.8539	1.044	2.175	0.58
1298	-0.07563	0.1133	0.14	-0.8173	0.4448	0.8739	1.134	2.035	0.69
1299	0.1031	0.722	-0.09125	-0.2886	0.7835	0.4627	0.4229	1.164	0.2487
1300	-0.7356	-0.4467	-0.57	-2.147	0.2948	3.014	0.1442	1.365	1.01
1301	-0.6607	-0.2918	-0.7251	0.4276	-1.44	0.008828	1.499	1.65	1.225
1302	-1.228	-0.9394	-0.6227	0.01	-0.2579	4.531	1.052	3.282	1.887
1303		0.5992	-0.5441	-0.04141	0.0007031	4.17	0.2301	0.8609	0.8759
1304	-0.4263	-0.9773	0.7394	0.452	0.4941	1.943	0.5036	-0.1056	-0.2506
1305	0.7073	-0.4737	-0.09703	0.3356	-0.02227	1.907	2.057	0.578	0.923
1306	-0.003125	-0.1942	0.1925	0.7352	0.2673	0.3064	1.077	0.1275	0.1225
1307	-0.2851	1.834	-0.02945	0.1032	1.555	2.514	-1.245	-0.3345	-0.2595
1308	-0.4332	1.786	-0.1176	0.03506	1.957	2.506	-1.013	-0.5926	0.002402
1309	-1.378	-0.9192	1.498	0.07016	-0.4477	1.751	0.3317	-0.7275	0.5175
1310	0.2106	-0.3405	1.406	1.139	-0.409	0.5202	0.6104	0.9913	0.7463
1311	0.000625	-0.8805		-0.2911	-0.979	-1.65	0.7204	2.561	0.5363
1312	-0.3222	-0.5233	-0.6966	-0.3439	0.4182	-1.033	0.9176	2.158	0.3634
1313	0.708	-1.203	-0.9964	-0.03375	0.5384		0.5778	0.5886	0.6236
1314	-2.504	1.495			0.02687	-1.394	-0.4637	0.5871	0.6721
1315	-0.8956	-0.6967	-1.2	-0.8373	-0.005234	-1.036	0.6442	-0.175	0.03
1316	-0.6406	0.4083		-0.8623	0.1198	-0.3411	0.8592	-0.22	-0.225
1317	-0.9141	-0.8952	-3.428	-2.376	1.166	-0.03453	3.976	3.167	-0.2784
1318	-0.1089	-0.01	-0.1033	0.5194		0.01062	1.341	1.272	-0.3233
1319	-0.6176	-0.6987		-1.479	-1.447	-0.388	4.582	1.003	-0.932
1320	0.04008	0.07898	-0.5543	-0.3916	0.6205	-0.1604	0.7299	0.3807	-0.0143
1321	0.2689	0.5378	-0.1355	0.3972	0.3693	0.4884	1.339	0.7495	0.8445
1322	-0.467	0.1419	-1.401	-1.029	0.8234	0.9125	0.6728	1.454	1.559
1323	0.1216	0.0004687	-0.7628	-0.04016	-0.528	0.9711	1.601	1.892	1.777
1324	-0.05563	0.5833			-0.1652	-0.8761		0.685	0.63
1325	-0.5295	-0.1206	-0.03391	-0.2313	-0.3891	-0.83	-0.1497	0.7511	0.2561
1326	-1.336	0.8133	-0.75	-1.257	-0.02523	-0.02609	2.004	1.115	-0.53
1327	-0.1217	-0.8328	-0.6861	-0.003438	-0.07133	-0.3022	0.6681	1.119	-0.3261
1328	-0.4019	-0.03297	1.234	0.3064	0.4285	-0.2723	0.5979	1.269	-0.2662
1329	-1.127	-1.728	0.2888	0.05141		1.903		0.7237	
1330	0.2601	0.09898			-0.1295	-1.35			
1331	-0.3189	-0.35	0.4167	-0.1006	-0.1485	-0.1094	1.141	0.3117	0.6867
1332	0.5056	-0.005469	0.1213	0.06391	-0.254	1.545	1.315	1.406	1.661

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1333	-0.06	0.07891	0.7856	1.348	0.3804	0.5495	-0.3002	0.1706	-0.03437
1334	1.927	1.745			1.377	-1.064	1.696	1.617	0.7622
1335	-0.06758	0.06133	0.478	0.8107	-0.2672	1.032	-0.1878	1.513	1.008
1336	-0.1234	0.1655	0.3523	0.7849		-0.1738	0.3364	1.667	1.432
1337	1.849	-1.252	0.2044	0.267	-0.4209	0.1383	1.219	2.309	2.274
1338	0.2589	0.5378	0.9945	0.5772	0.7193	-0.07156	0.6687	0.4795	0.07453
1339	0.05875	-1.332	0.2544	-0.413	-0.4409	-0.4917	0.08855	0.8394	0.8244
1340	-0.1856	-0.7967	-1.73	0.1327	-0.2752	0.6539	-1.276	0.555	0.88
1341	0.5423	0.8613	-1.792	-2.049	0.5727	0.2419	-0.3879	0.353	1.958
1342	0.1887	-0.3823		-1.743	2.169	0.06828	-0.8314	0.6594	2.804
1343	0.4444	0.3833	-1.18	-0.5473	-0.5252	0.4939	-1.016	2.555	2.49
1344	1.188	0.9273	-1.066	-0.9134	-2.481	0.1579	-0.2718	1.749	1.644
1345	0.4794	1.208	-0.04496	-0.5623	-0.2202		0.1392	1.4	1.235
1346		0.8291	-0.1842	0.7985	-0.02941	2.71	-2.05	-0.2092	-0.4342
1347	-1.677	-1.918			-0.7868	0.8324	0.002656	0.4435	-0.2515
1348	-0.996	-0.9971	-1.7		0.4144	0.8736	0.4738	0.3746	0.01965
1349	0.1237	0.02266	-1.381	-0.298	3.234	0.03328	-0.8364		-0.8206
1350	-0.2658	-1.377		-0.5575	2.065	-0.5363	-1.596		-2.13
1351	1.919	-0.6117	-1.275	-0.9723	0.6898	0.4089	0.9792	-0.49	0.125
1352	0.6273	-0.00375	1.413	0.8556	0.8877	-1.263	-0.5029	-0.402	-0.617
1353	-0.6617	0.6872	-0.8061	-0.1134	-0.9313	0.8578	0.01809	-0.3511	0.1139
1354	-0.7206	0.1483	-0.625	-0.7323	-0.2002	0.3489	1.169	0.1	-1.155
1355	0.02437	-0.09672	-0.67	-0.9073	-0.4152	-0.6261	0.6642	0.675	-0.27
1356	0.06031	0.05922	-0.8041	-0.9714	-0.6593	-0.5302	0.5901	0.7209	-0.2541
1357	0.1594	0.2483	-0.445	0.1777	3.22	-0.2711	1.959	0	-0.465
1358	0.6368	-0.1943	-0.7776		1.037	-1.384	1.107	0.9074	-0.1876
1359	0.8727	1.302	-0.5617	0.1109	-0.327	-1.068	-0.6175	0.1633	0.3983
1360	-0.3656	-0.6167	0.46	-0.1673	-0.7052	-1.196	-0.00582	-0.775	-1.09
1361	0.3131	-0.888	0.2588	-0.1686	-0.01648	-0.1473	0.4029	0.02375	-0.4413
1362	2.254	1.033	-0.45	0.1827	0.9548	-1.846	-1.486	-0.555	-0.46
1363	0.9534	-1.608	1.189	1.812	-0.8063	-1.707	0.5032	-2.076	-1.431
1364	0.2744	-1.027	1.11	0.8927	-0.4352	-1.916	1.224	-1.415	-1.67
1365	0.9837	1.513	-0.3107	1.082	0.7441	-1.877	-1.617	-2.566	-1.981
1366	0.9116	-1.379	-1.923	-0.7701	1.162	1.761	-0.4686		-2.263
1367	-0.1356	-2.507	0.23	0.5627	0.5248	2.114	-0.5758	-0.095	-1.51
1368	0.2794	-1.672	0.235	0.7877	1.03	0.4989	-0.8908		-1.505

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1369	-0.4586	-2.69	-0.05293	0.09973	0.8118	0.701	0.00125	-0.5679	-0.1229
1370	-0.005625	-2.127	-1.68	-1.107	0.1248	0.5439	0.1642	0.825	1.28
1371	-0.1256	-2.557	-0.47	-0.6673	0.8648	2.244	0.8542	1.005	0.9
1372	2.059	0.7483	0.025	-0.05234	0.1598	0.6589	0.8092	0.6	-0.045
1373	1.684	1.693	-0.44	0.4727	0.6048	-1.636	-1.586	-0.785	-0.61
1374	-1.161	-0.08172	-1.015	-1.052	-1.6	0.4289	0.3392	-2.3	-1.695
1375	-0.9456	0.3433	-0.88	-0.9073	-1.365	1.234	0.3042	-3.245	-1.5
1376	0.9008	-0.3703	0.3764	0.1191	0.2912	1.08	0.1306	-0.2986	-0.8336
1377	-0.04313	-0.9042	0.5725				-0.3733	0.2175	-1.008
1378	0.4003	0.7192	-0.7841	0.2686	0.0007031	-1.06	0.04012	1.041	1.256
1379	0.1292	0.4981	-0.6352	0.6575	0.1296		-0.141	1.08	0.8948
1380	0.4794	1.308	-1.245	-0.9923	-0.6302	0.1689	-0.7308	1.1	1.175
1381	-0.3669	-0.688	0.4688	-0.7286		-0.8173	-0.2871	-0.3063	-0.4013
1382	-0.29	1.209	-0.8044	-0.3917	-0.1596	-2.28	-1.1	-1.599	-1.234
1383	-0.5056	0.4333	0.28	-0.3573	-0.5652	-0.09609	0.09418	-0.235	-0.29
1384	0.8944	-1.867	-0.67	-0.4573	0.3248	-0.6961	0.7542	-0.375	-0.82
1385	-0.7256	-0.9267	-0.31	-0.8073	-0.2152	1.444	1.684	1.015	0.65
1386	-0.2841	-1.735	0.2116	-0.6058	-0.4937	2.105	0.6157	1.187	1.202
1387	-0.2856	-1.767	0.95	0.8127	-0.4852	1.854	1.074	1.145	0.71
1388	0.07375		0.6194	0.302	-0.4059	2.223	-0.1264	0.03437	0.3094
1389	0.07812		-0.4362	-0.2836	0.7385	0.4677	0.7179	-0.3213	-0.1262
1390	-1.326		0.5598	-0.3575	0.8146	1.264	0.794	0.09484	0.03984
1391	-0.231	-0.4221	-0.06535	-0.9727	0.5394	0.3786	-0.4612	0.1996	-0.03535
1392	-2.197	0.272	0.2688	-1.719	0.6235	0.1827	0.6729	-0.2363	-0.1813
1393	-0.4263	0.8127	1.509	0.842	0.02414	-0.9767	0.4336	-0.3456	-0.5706
1394	-0.6197	1.889	-0.3141	-0.2714	0.0007031	1.3	0.6701	1.201	0.9259
1395	-1.066	-1.277	0.42	0.3427	-0.3652	0.2939	0.1442	-0.505	0.23
1396	-0.9356	-0.8867	0.35	0.3427	-0.1052	0.5239	-0.02582	-0.295	0.01
1397	-0.5606	-0.7917	-0.085	-0.08234	-0.4302	0.8889	0.3092	0.42	1.285
1398	-1.928	0.07063	0.1973	-2.03	0.6821	1.421	1.092	0.8023	1.347
1399	-0.2678	-0.4689	0.007813	0.0004687	-0.2974		0.132	1.353	1.838
1400	-0.05082	-1.342	0.1648	0.3675	0.01957	0.8587	0.889	1.04	0.4848
1401	-1.046	-1.237	0.39	0.4027	0.4748	1.964	1.054	-0.075	0.49
1402	-0.1041	0.7048	-0.6784	-1.006	0.2363	0.4555	0.5857	-0.2634	-0.5284
1403	-0.01563	0.2233	0.15	-0.1973	1.095	-0.1661	0.2242	-0.325	-0.27
1404	0.1005	0.009375	0.2561	-0.1912	0.1109	-0.33	-0.1397	0.5811	0.4661

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1405	0.2363	0.06523	0.04195	-0.2154	-0.03328	-0.2441	0.2161	0.407	0.422
1406	-1.286	0.6727	-3.451	-2.928	-1.066	0.2933	0.1036	1.034	1.059
1407	-0.1756		-0.03	0.8427	1.185	1.044	0.5742	0.675	0.5
1408	0.8672	0.5761	-0.4772	-0.4845	0.1876	0.3567	-0.223	-0.4622	-0.2972
1409	0.03484	0.8638	-1.59	-2.587	-2.265	-1.496	0.5946	1.795	0.3705
1410	0.09273	0.7416		-3.019	-2.987	-2.268	0.7125	1.583	-0.02164
1411	-0.3556	1.133	-1.9	-2.847	-2.035	-2.756	0.3842	1.665	0.63
1412	0.4603	-0.1908	0.2159	0.4386	0.0007031	1.43	-0.1499	-0.4191	-0.6241
1413	0.1301	-0.381	0.2057	-0.04164	0.3605	1.3	1.04	0.2707	0.1957
1414	-0.7217	0.1772	1.294	1.517	-0.2813	1.998	0.3181	-0.07109	-0.3461
1415	-1.941	-0.6117	1.175	-0.8523	-0.6202	-0.1511	0.5692	-2.14	-1.765
1416	0.2269	-0.5342	0.3725	0.2452	-0.5127	0.05641	0.4167	-0.0625	0.4125
1417	0.64	-0.06109	0.7956	0.3183	0.1404	0.9195	1.39	-0.02938	-0.1944
1418	0.7987	-0.6723	-0.5556	-0.663	1.299	1.388	0.4886	-0.07063	-0.06563
1419	0.4531	-0.888	0.5188	0.6114	0.4735	1.343	-0.5171	-0.2663	0.3387
1420	0.9066	-0.5245	0.02219	0.01484	0.917	1.176	1.116	-0.3528	-0.2878
1421	-0.2269	-0.458	0.3888	-0.01859	-0.8465	1.323	0.07293	0.1737	0.5387
1422	1.216	0.6952	-0.758	-0.3754	-0.8933	-0.6741	0.03613	-0.623	-0.208
1423	0.8594	-0.7617	0.725	0.2377	0.2198	-0.03109	0.8892	0.1	-0.395
1424	0.2319	0.6508	0.3075	0.0001563	-0.4277	1.081	0.3017	0.3825	0.1175
1425	0.04437	-0.6367	0.08	0.3327	-0.02523	1.394	-0.8958	0.815	1.29
1426	0.7005	-0.5606	-0.6439	-0.5312	0.6709	0.83	0.4703	-0.2989	-0.4339
1427	0.3144	0.3933	0.16	0.2327	0.5748	-0.1261	1.634	0.745	0.73
1428	0.4216	0.0004687	-0.04281	-0.0001563	0.392	0.2011	1.151	-0.2178	0.4672
1429	0.6755	-0.04562	0.02109	0.04375	0.4459	0.205	1.255	0.4161	0.5511
1430	0.3189	0.3678	-0.1055		-2.311	1.578	0.4687	-1.6	-1.865
1431	0.5958	0.2347	0.3314	0.1541	0.4162	2.235	-0.06441	-0.8836	-0.5686
1432	-0.1756	-0.1367	0.01	-0.02734	0.7948	1.684	0.00418	0.305	0.38
1433	1.854	-1.497	0.25	0.7327	0.1248	0.4639	-1.036	-0.225	-1.4
1434	-1.085	-0.1664	0.9003	0.453	0.2151	1.334	1.444	-1.505	-0.7597
1435	0.04594	0.2048	0.6116	1.124	0.8963	1.775	-0.1243	-0.6634	-0.3584
1436	-0.1697	0.1792	-0.02406	0.2386	0.0007031	-0.04016	0.1701	0.1009	0.5459
1437	0.5811	-0.68	0.2767	0.1494	1.441	1.311	1.041	0.7517	0.8967
1438	0.7706	0.2095	0.5963	0.1789	-2.159	0.0001563	-0.09957	-0.1388	-0.5438
1439	-0.4155	-1.427	-0.04984	0.2328	-0.2651	0.9641	-1.236	0.3552	0.02016
1440	0.4744	-1.447	0.52	0.2227	-0.7752	0.4739	0.01418	-0.575	-0.68

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Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1441	2.924	0.02258	0.0593	0.302	0.5941	0.9732	0.7435	-0.8857	-0.5007
1442	2.858	0.7068	0.1835	0.3262	0.3883	0.9274	0.5177	-0.9315	-0.5265
1443	-0.2713	-0.4623	0.8244	1.347	-0.4209	1.788	0.2786	0.04937	0.004375
1444	1.347	-0.1537	-0.747	-0.0543	-1.442	0.247	0.4972	-2.152	-1.487
1445	0.6854	-0.5757		0.4237	0.2658	-0.9851	-0.7148	-0.094	-0.239
1446	1.004	-0.3167	0.44	0.6027	-0.01523	-0.4661	-0.8958	-0.095	-0.37
1447	0.1349	-1.156	0.4305	0.1432	-0.3247	0.5945	-0.01527	0.4855	-0.1795
1448	0.2035	-1.328	0.5491	0.1618	-0.3761	0.413	0.1333	0.5241	-0.1009
1449	0.2472	0.9461	-0.04719	0.03547	-0.2124	0.1067	0.627	-0.1822	-1.147
1450		-1.007	-0.18	0.03266	0.4748	2.504	0.1842	0.465	0.97
1451	0.8544	-1.757	-3.49	0.8427	1.295	1.664	0.4542	0.115	0.49
1452	-0.5345	1.574	-0.7589	-0.04625	-0.01414	0.635	0.7053	2.116	1.081
1453	0.09156	0.4205	-0.8728	-0.8202	0.392	0.9511	1.211	0.4222	0.6672
1454	0.02437	0.3233	0.1	0.09266	0.01477	0.2139	0.4842	0.175	0.14
1455	-0.1278	0.4911	-0.1222	0.0004687	0.3426	-0.8783	-0.228	0.6628	0.01781
1456	-0.9753	-0.7864	1.1	1.113	0.3951	0.9342	1.184	0.7653	0.5103
1457	-0.1756	-0.08672	0.13	-0.5573	-0.5652	0.8139	1.284	0.875	0.92
1458	-0.5956	0.2433	-0.46	-0.1373	-0.3252	0.3539	0.7742	2.285	1.64
1459	-0.6069	-0.708	-0.05125	0.01141	0.2635	1.293	1.713	-0.8763	-0.3913
1460	-0.4156	-1.137	0.23	-0.2673	0.3348	1.134	0.7742	0.095	0.48
1461	-2.65	-4.001	-0.4143	-1.512	0.4005	0.4096	1.26	1.201	0.8257
1462	1.004	0.4933	0.39	0.4527	0.9548	1.594	0.5442	0.365	0.01
1463	-0.3031	-0.8842	0.7925	0.2252	1.957	1.746	-0.1333	-0.8525	-0.2175
1464	-0.2845	-0.08559	0.01113	0.3838	0.8859	1.765	0.1653	-0.2839	-0.03887
1465	-0.6263	-0.8173	-1.511	-0.02797	-0.9559		-0.1264	-1.256	-1.391
1466	-0.7484	0.4505	0.8473	1.14	-0.578	1.941	-0.4386	-3.258	-3.003
1467	-0.4753	-1.276	0.1703	1.093	1.875	1.664	0.8445	-0.8547	-1.24
1468	-1.177	-1.808	1.499	-0.8486	-1.166	-1.357	-0.2771	-0.9363	-0.07125
1469	-1.416	0.4933	1.89	1.023	0.1748		-1.846	-1.195	-0.78
1470	-0.8301	0.7788	-0.04445		0.03031	-1.101	-2.81	-1.419	-1.834
1471	-0.8656	-1.287	-0.27	-0.3173	0.8748	0.2839	-0.1258	-1.395	-1.22
1472	0.1575	-0.1736	1.983	2.076	-0.002109	0.787	-0.3127	0.6681	0.8931
1473	0.8731	0.442	-0.07125	-0.1086	1.144	-0.1973	-0.3371	-0.2263	-0.1513
1474	0.3455	0.4644	-1.639	-0.7462	-0.01414	-1.395	-0.4547	-0.4339	-0.4989
1475	0.8544	-0.04672	1.27	0.2627	-1.425	1.004	-0.07582	0.385	0.73
1476	0.2344	0.1133	2	1.973	-0.5152	-0.7161	-0.7058	-0.555	0.4

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1477	-1.267	0.142	1.319	1.251	0.5335	0.7227	1.703	-0.3563	-0.06125
1478	0.3256	0.1545	0.6113	2.374	-0.604	-0.6248	-0.4746	-0.02375	0.2213
1479	0.2892	0.3781	1.065	1.177	-0.8104	-0.2813	-0.761	-0.3402	0.0848
1480	-0.9434	-0.5445	0.08219	-0.1652	-1.103	-1.914	-0.3036	-0.3128	-0.3978
1481	-0.2956	-0.6467	0.74	1.193	0.9448	-0.8161	-1.286	-0.115	0.19
1482	-1.115	0.5944	0.3011	-0.3262	-1.054	-1.035	-0.3247	-0.4739	-0.6189
1483	1.434	-0.4067	-0.01	0.3927	-0.2752	-2.336	-0.8158	-1.945	-1.42
1484	0.8367	-1.204	0.06234	0.065	0.02711	0.2762	0.6565	-0.2727	-0.5677
1485	1.498	0.1072	-0.006094	0.006562	0.8387	-0.08219	0.07809	-1.081	-1.566
1486	2.379	-0.8817	0.575	0.3877	0.2898	1.409	0.5392	-1.08	-0.445
1487	-0.4577	-1.829	0.238	0.5206	0.6027	-0.8381	0.6221	-0.03703	-1.242
1488	-0.09062	-1.422	-0.125	0.07766	0.5698	-0.01109	0.4992	-0.22	-0.875
1489	-0.4137	-1.505	-0.04805	-0.8154	-1.403	1.186	0.7661	0.147	-0.138
1490	-0.586	0.02293	-0.3104	-0.2677		0.6436	0.8938	0.1746	0.4996
1491	0.2254	0.7743	-0.209	0.2937	-0.1042	0.4449	0.2152	0.04602	0.231
1492	0.09437	0.003281	-1.04	0.7127	1.605	-0.3861	2.454	-1.705	-1.6
1493	-0.2056	-0.2467	0.66	0.9127	1.025	1.164	1.504	0.145	-0.58
1494	-1.646	0.09328			-0.6852	1.304	0.8342	-0.005	0.2
1495	-2.707	-0.3784	0.5884	0.211	-0.5469	0.6723	0.2825	0.5434	0.3184
1496	0.2092	-0.2719	0.0248	0.4075	0.1196	0.05871	0.04898	-0.9702	-0.4752
1497	-0.01141	0.3775	0.8842	1.717	0.459	1.808	-0.0416	-0.7308	-0.8358
1498	-0.3856	0.4833	0.51	0.5827	-0.9452	0.6239	0.4942	0.285	-0.18
1499	1.006	0.6451	-0.3882	0.3444		-1.384	-0.944	-0.4132	2.072
1500	0.4256	1.015	0.6113	1.224	1.046	-0.2048	0.2054	0.5962	0.9013
1501	1.204	-0.3167	-0.15	-1.037	1.635	1.004	0.5842	0.685	-0.32
1502	1.404	-0.2268	1.17	1.523	1.345	-2.766	0.1041	-0.7251	-2.31
1503	-0.1956	-0.07672	0.52	0.3627	-0.7252	2.204	0.05418	1.255	1.14
1504	-0.3063	-1.447	-1.601			-0.1667	0.4136	0.5444	1.479
1505	2.054	-1.507	-0.72	0.6927	0.004766	-0.3061	0.09418	0.225	0.9
1506	1.949	-1.472	-0.575	0.6377	-0.2302	-0.2911	0.1392	0.1	0.855
1507	1.904	-0.9267	-0.81	0.8927	-1.765	1.654	0.4042	0.825	0
1508	1.462	-0.1092	-0.5225	0.6802	-0.5677	0.7314	0.2617	0.6825	0.3375
1509	-0.6325	-0.4236	0.6331	1.066	-0.2421	0.387	0.1073	0.5381	0.9831
1510	0.4419	0.5508	1.118	1.26	-0.08773	-1.689	-0.3683	0.4125	-0.3225
1511	1.773	-0.898	0.5488	0.5514	-0.2665	-0.06734	-0.2071	-0.4863	-0.7613
1512	1.524	-0.5167	-1.43	-0.4373	0.4448	0.7839	-0.6858	-0.535	-0.37

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1513	1.653	-0.248	-0.1912	-0.03859	0.1735	0.07266	-0.1571	0.1837	-0.6613
1514	0.86	-0.01109	-1.144	-0.2317	0.8904	0.5495	0.3798	-1.789	-0.2144
1515	-1.108	-1.249	-0.9425	-0.9698	-0.3777	-1.079	-1.378	-1.448	-1.762
1516	-1.522	-1.723	-2.446	-1.294	1.039	-1.442	-2.062	-1.771	-1.956
1517	0.8563	1.285	0.01195	0.3846	0.3767	0.2759	0.7461	0.397	0.282
1518	-0.6786	0.1404	-0.2629	0.04973	0.6918	0.151	0.00125	-0.7379	-0.4929
1519	-1.529	-0.5202	-0.7535	-0.4209	-0.2788	-0.009609	-0.4293	-0.5985	-0.4935
1520	-1.108	-0.7095	-0.4728	-0.5002	0.292	0.7311	0.8114	-1.058	-0.4828
1521	1.155	-1.517	1.44	0.6228	2.655	0.3241		-2.395	
1522	2.33	0.1694	0.4961	1.349	0.9909	-0.35	-0.9997	-0.1589	0.08609
1523	-0.2856	-1.067		-0.5473	1.335	0.1739	0.1942	-0.205	-0.44
1524	1.258	0.07719	0.8639	0.9366	0.6987	-0.2222	-0.9919	-0.5811	-0.1861
1525	1.054	0.5026	0.0493	1.352	0.6641	1.493	0.09348	0.0543	-0.6607
1526	-0.4134	0.3555	0.09219	0.3548	0.797	0.6261	0.02637		0.1822
1527	1.053	0.582		1.621		0.1526		-0.5463	-0.6813
1528	2.298	-2.053	0.2839	2.707	-0.1613	1.828	-1.742	-1.481	-0.6961
1529	-0.2545	1.434	-0.7889	0.2638	0.8659	-0.855	-0.8447	-0.8039	-0.9689
1530	0.3117	0.07063	-0.2527	0.25	0.6121	-0.2587	-0.2885	-0.007656	-0.5427
1531	-1.046	0.9624	1.029	-0.008203	0.08391	-0.697	0.9833	0.7241	0.2491
1532	-0.6656	-0.1967	0.7	-0.1873	1.675	0.5139	0.7442	0.275	-0.34
1533	-0.2613	0.1277	0.3444	0.627	0.4591	1.268	0.2486	-0.4506	-0.2056
1534	-0.4456	0.2533	0.38	0.8827	0.3448	1.384	0.3442	-0.465	-0.33
1535	0.3612	-0.1798	1.457	1.53	0.5916	1.531	0.4811	-0.1881	-0.08312
1536	0.01023	1.289	0.6059	0.3085	0.8506	0.3598	3.91E-05	-0.8091	-0.8941
1537	-0.1353	0.7136	0.7503	0.723	-0.4549	-0.4358	-0.01551	-4.025	-2.1
1538	1.016	-0.6955	-0.00875	0.7439	-0.02398	-2.925	-0.7046	-3.434	-2.759
1539	0.9281	-0.483	0.04375	0.9064	0.01852	-1.632	-0.8821	-2.511	-2.216
1540	0.7402		0.3459	1.029	-0.2894	-0.8302	-0.87	-1.589	-1.324
1541	-0.4013	-0.1723	2.274	1.557	-0.3809	-0.2617	0.1486	0.2394	0.1144
1542	-0.2184	-0.6495	-0.7128	-0.8702	-0.248	1.281	1.131	-0.9678	-0.5928
1543	0.6292	1.168	0.6248	-0.1225	-0.02043	0.2687	-0.741	-1.26	-1.555
1544	0.9244	0.9933	0.14	-0.4373	-0.5552	-0.7861	-1.366	-1.115	-1.54
1545	1.183	0.912	0.1288	-0.6786	-0.3265	-0.8073	-1.377	-1.176	-1.591
1546	2.098	0.6572	0.09391	0.1966	0.2687	-0.5322	0.2881	-0.4011	-0.5661
1547	1.58	0.7089	0.7856	1.228	0.8904	-0.6505	-1.3	0.1506	0.2056
1548	0.3724	0.2513	0.338	0.5607	1.833	0.08195	1.442	-0.867	-0.682

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1549	1.313	1.242	0.2488	0.3114	2.774	-0.1473	-0.4571	0.1337	-0.4913
1550	2.421	0.7095	-0.07375		0.741	0.0001563	0.8504	0.04125	-0.3438
1551	0.6144	0.3033	-0.88	-0.5773	0.4748	1.304	-0.1058	-0.295	0
1552	0.658	-0.913	0.4037	1.346	1.158	1.038	0.3679	-0.6413	-0.7363
1553	0.3983	0.5372	1.414	1.477	0.3487	1.748	-0.05191	-0.7211	-0.9661
1554	1.304	0.3533	1.02	0.5627	-0.03523	1.074	-0.8958	0.585	0
1555	-0.02641	0.0625	0.3992	0.1319	0.384	0.6331	-0.4266	0.03422	0.4492
1556	1.464	-0.1767	0.6	0.3127	0.07477	1.254	-1.526	-0.435	-0.62
1557	1.228	0.557	0.8338	0.2664	0.3685	1.548	-1.352	-0.2913	-0.4662
1558	-0.4306	-0.2417	-0.075	-0.1823	-0.4502	-1.211	-0.6908	0.02	-0.805
1559	-0.3487	-0.3098	-0.163	-0.2304		-1.359		-0.02805	-1.003
1560	-0.1905	0.1484	-0.3549	-0.4922	0.8699	-0.821	0.4693	0.3901	0.1951
1561		-0.2266	-0.5798	-0.5172	0.2249	-1.516	-0.1257	0.1852	0.4802
1562	1.24	0.03914	-0.3341	-0.1815	1.041	-1.94	3.91E-05	-0.2191	
1563	0.898	-0.003125	-0.06641	-0.03375	0.3984	-0.7625	-0.2622	-0.5114	-0.5164
1564	0.1589	-0.04219	0.5245	0.04719	0.0793	2.628	0.2187	0.4995	1.415
1565	0.3031	0.122	0.1588	-0.3186	-0.09648	1.543	-0.02707	0.6337	1.329
1566	0.3202	0.2191	0.06578	-0.3216	0.1205	1.41	-0.05004	0.4808	1.506
1567	-0.1717	0.1172	0.7439	-1.193	-1.011	1.828	1.228	1.129	0.5339
1568	0.1016	0.0004687	0.5972	-0.8402	-0.628	1.631	0.9414	0.9122	0.2672
1569	0.1144	-0.2967	1.01	1.423	-0.4652	0.2839	0.4942	0.425	0.56
1570	-1.033	-0.4842	0.9125	0.3252	-0.3027	-1.204	-0.6633	-0.7225	-0.1375
1571	-0.702	0.03687	0.9136	0.4262	0.5484	-0.0625	-0.1622	-0.3914	-0.3064
1572	-1.523	-0.6536	1.803		-0.5121	-0.643	-0.6427	-0.4019	-0.05688
1573	0.2194	1.268	0.575	-0.07234	-0.04023	0.1389	0.4292	-0.75	-0.975
1574	0.1744	0.9933	0.23	0.9427	-0.01523	0.04391	0.4842	-1.185	-1.09
1575	1.557	0.1661	0.5528	0.5355	0.7976	0.4567	0.417	-2.962	-2.277
1576	1.657	0.2661	0.2628	0.5555	0.4776	0.3467	0.247	-1.522	-1.647
1577	0.3731	-0.288	1.069	0.4514	-0.5665	0.2327	-1.507	-1.396	-0.9913
1578	0.2605	0.8094	0.5061	-0.1012	0.1809	0.32	-0.4397	-2.159	-0.6239
1579	1.415	0.5341	0.1609	-0.2465	-0.6644		-1.315	-0.5741	-0.4691
1580	1.391	0.8795	0.9063	0.8889	0.571	0.0001563	-0.2396	-0.1388	-0.6638
1581	1.384	0.01328	0.91	0.3227	0.3848	-0.1561	-0.4658	-0.255	
1582	0.8644	-0.5367	-0.23	0.3927	-1.835	0.9639	-1.596	0.055	-0.8
1583	0.818	-0.2531	0.2036	0.4363	-1.582	1.078	-1.322	0.1686	-0.7264
1584	0.9103	-0.6608	0.3759	0.4986	0.0007031	-0.1502	-0.9499	-0.9691	-0.4641

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1585	0.7044	0.3133	-0.02	1.473	1.035	-0.08609	0.07418	-0.085	-0.62
1586	-0.372	0.006875	0.6736	0.5263		1.108	0.8578	-0.4814	-1.406
1587	-0.2406	-0.2417	0.415	0.5377	2.57	1.289	0.5992	-0.71	-1.135
1588	2.918	-0.01277	1.194	0.9066	1.279	0.07785	0.3381	-0.1211	-0.01605
1589	0.6572	2.296	0.05281	0.4955	0.4376	-1.183	-1.493	-2.212	-1.617
1590	0.76	2.089	0.2256	0.4383	0.2604	-0.8705	-1.01	-1.909	-0.6944
1591	2.176	0.115	0.4317	1.254	1.266	-2.304	-0.8941	-0.6633	-1.088
1592	1.62	0.4689	-0.3444	0.8283	0.8904	-0.8105	-1.53	-0.9694	-0.6244
1593	1.205	1.074	0.8307	0.9333	0.9854	-2.295	-1.765	-2.924	-3.219
1594	0.6072	0.6861	0.3828	0.6655	0.5176	-3.933	-1.043	-5.272	
1595	1.491	0.47	0.7267	1.059	-0.6085	-2.909	-2.119	-2.048	-2.043
1596	1.534	0.4133	0.8	1.173	-0.3452	-3.666	-2.866	-2.255	-2.2
1597	1.135	0.3044	0.8111	1.064	-0.9141	-3.555	-2.435	-2.164	-2.219
1598	0.8847	0.2436	0.6203	0.953	-0.2649	-2.256	-1.156	-1.385	-1.85
1599	2.124	-0.2667	0.69	0.7627	1.865	-2.406	-3.856	-2.345	
1600	2.674	0.2733	1.4	1.063	1.875	-2.106	-3.856	-2.355	-2.5
1601	2.253	0.282	1.629	1.461	-0.9165	-0.7173	-0.7271	-0.2063	-0.6713
1602	2.631	-0.8201	1.967	1.409	-0.9986	-0.7195	-1.479	-0.6084	-1.073
1603	0.4979	0.3168	1.464	1.206	-0.2417	1.507	0.7577	-0.6615	-0.4465
1604	1.331	0.6495	1.386	1.649	0.6409	0.7701	-0.4696	-0.5488	-0.3038
1605	-0.4106	-0.6717	0.235	0.3877	0.7298	1.239	0.3592	-1.56	-0.735
1606	1.253	-0.008125	-0.1014	-1.219	-1.447	-0.5075	1.123	0.6136	0.1686
1607	1.219	0.4783	-0.035	-1.412	-0.8102	-0.1711	1.069	0	0.615
1608	0.4894	0.1883	0.015	-1.432		-0.05109		0.2	
1609	1.083	0.2023	2.699	2.722	0.1138	-3.497	-2.427	-3.226	-3.431
1610	1.188			-0.3936		-0.8823	-0.2621		-2.346
1611	-0.1989	0.93	0.9567	1.019	-0.3285	-1.649	-0.6291	-2.078	-1.903
1612	0.5044	0.07328	-0.34	0.09266	0.3148	0.5139	0.05418	-0.795	-1.06
1613	1.942	-1.289	-1.252	-0.8095	0.4826	-2.258	-0.778		0.04781
1614	1.448	-1.343	-0.3661	-0.1434	1.249	-1.292	0.1681	-0.8611	0.2639
1615	1.77	-1.361	-0.4141	-0.07148	0.7906	-1.61	3.91E-05	-0.7391	0.4859
1616	-1.101	-0.05219	0.4645	0.09719	-1.411	1.508	-0.3313	-0.7605	0.004531
1617	-1.039	0.2694	0.8161	0.2588	0.0609	1.9	-0.2897	-0.4889	-0.1039
1618	-1.222	0.3172	0.8039	0.1966	-0.5513	1.828	-0.3919	-0.7111	-0.3361
1619	-0.2791	-0.2702	0.08656	-0.4808		-0.1895		-0.1084	-0.09344
1620	-0.08992	-0.181	-0.1243	-0.4916	0.7905	-0.4204	0.4399	-0.0293	0.005703

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Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1621	-0.3006	0.2283	1.145	0.6677	0.9098	-0.9911	-1.001	-2.54	-2.245
1622	0.01891	0.4278	1.275	0.7872	0.6493	-0.9416	-0.7013	-2.6	-2.145
1623	-0.1908	-0.1819	-0.5852	-0.6225	1.54	3.119	1.379	0.8498	0.4848
1624	0.1744	0.3733	-0.94	-0.5673	1.105	3.554	1.414	0.665	0.36
1625	-1.259	-1.2	0.3267	-0.6406	-0.05852	1.571	1.481	1.102	0.2767
1626	0.7897	-1.751	-0.1547	0.438	0.5401	1.369	1.119	0.2103	0.6953
1627	0.000625	0.2095	0.3363	-0.1711	-0.369	-0.08984	-0.02957	-0.3287	-0.1337
1628	-0.2056	-0.1267	1.25	0.9927	1.005	0.7339	0.3342	-0.535	-0.59
1629	-0.2469	0.002031	1.219	1.061		0.04266	0.3429	-0.4663	-1.011
1630	2.787	0.3158	1.242	1.105	1.357	0.3164	0.1267	-1.593	-1.318
1631	-0.512	-0.03305	0.7637	0.2263	-0.9816	0.6576	-0.08215	0.1387	-1.096
1632	-1.138	0.4905	2.217	1.57	-1.608	1.141	-0.2186	-0.5278	-0.7628
1633	-0.6827	0.7362	1.713	0.9956	-1.022	1.087	-0.03289	-0.4921	-1.257
1634	1.039	-0.6419	0.2548	0.5675	-0.5904	0.9587	1.089	-0.1302	-0.6652
1635	2.672	-2.569		-0.2798	-1.098	-0.2686	-0.2383		-1.552
1636	-0.2888	-0.8598	1.237	2.7	-0.2484	0.1608	-0.4589	0.5119	0.7169
1637	1.275	2.014	2.001	2.573	-2.274	1.205	0.8849	0.7557	1.921
1638	1.437	0.01625	1.513	1.806	0.1577	1.577	1.027	-1.172	-0.417
1639	0.04828	-0.3628	-0.2361	-0.07344	-0.6113	1.338	0.4681	-0.001094	-0.2461
1640	0.4069	0.2658	0.9025	0.3952	-1.153		0.5567	-0.1325	-0.3175
1641	-0.06563	-0.7667	1.21	2.123	2.205	0.03391	-0.3258	-2.095	-2.18
1642	0.6801	-2.301	-0.4743	0.2784	1.64	1.02	0.6899	-0.8293	-0.0543
1643	1.232	0.2113	1.138	1.461	1.993	-0.848	-1.728	-1.857	
1644	0.2601	0.008984	1.036	0.1584	-0.8095	-0.5604	-0.8601	-1.349	-1.694
1645	0.01437	-0.7267	1.65	0.2927	-0.6252		-1.276	-1.005	-1.6
1646	0.555	0.6839	0.6806	0.3733		-0.3655	-1.255	-1.264	-1.609
1647	1.231	-0.0004687	1.996	0.4489	-0.06898	0.0001563	-0.4996	-0.9288	-2.174
1648	1.994	0.3433	2.34	2.113	-1.535	0.4839	-0.7758	-0.675	-0.47
1649	0.2844	-0.5967		0.7027	2.325	0.5439	-0.4758	-1.165	-1.22
1650	-0.23	-0.6611	-1.064		0.2004	-0.8405	-0.3302	-0.6394	-1.354
1651	-0.2713	-0.04234	1.214	1.177	0.3691	0.1183	-0.9114	-3.011	-1.356
1652	3.034	0.7533	-0.05	-0.1073	0.4548	0.3039	-1.526	-1.995	-1.07
1653	2.424	-0.2567	1.73	1.183	-0.5452	-1.056	-2.006	-0.535	-0.93
1654	2.777	1.455	-0.06785	0.9548	1.027	-0.05395	-0.2637	-1.413	-1.538
1655	1.396	2.765	-0.4987	-1.026	-0.08391	-0.1948	-0.7645	-1.184	-0.6287
1656	1.21	-0.8309	0.06586	1.069	-0.2594	0.3198	3.91E-05	-0.1591	-0.3641

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1657	5.472	-0.7494		2.95	-0.5379	-0.3487	-0.4285	-1.508	-0.8727
1658	3.48	-1.031	1.166	1.088	-0.3195	0.4796	-0.5401	-0.3693	0.3357
1659	2.927	0.3654	1.302	0.7248	-0.6131	-1.254	-0.5337	-0.9829	-0.9279
1660	2.196	1.055	0.3719	1.345	-0.2334	0.7958	-0.5739	0.03687	0.3419
1661	3.214	-0.5467	0.76	-0.8173	0.9848	-1.846	-2.696		
1662	1.749	0.3783	1.875	1.928	3.22	-0.2411	-1.021	-0.17	-0.855
1663	2.16	-0.1911	0.8456	0.2883	1.17	-1.21	-0.9402	-0.8194	-0.9344
1664		-0.5767	1.18	1.143	-0.1952	0.6739	0.4742	-0.405	0
1665	1.362	0.4308	1.188	0.9602	-1.568	-0.8286	0.4717	0.4725	0.5275
1666	0.9244	0.03328	1.21	1.563	0.3848	1.114	0.2942	-1.465	-1.81
1667	1.342	-0.1994	0.3173	0.5	0.2321	-0.2587	0.03152	-2.468	-0.3127
1668	4.245	2.324	3.231	3.324	2.016	-1.895	-0.8447	-0.9339	
1669	4.773	2.542			3.134	-1.387	-1.137	-1.696	
1670	1.534	1.303	-0.2	0.5627	-0.1652	-1.286	0.4242	-0.105	-1.5
1671	2.064	-1.157	1.61	1.572	0.7744	-0.4964	-0.8062	-1.545	-1.54
1672	1.164	0.4133	-0.12	0.2427	-0.9152	-0.9461	-1.116	0.125	0.35
1673	2.424	-0.3867	0.7	1.593	-1.625	0.3439	-0.6458	0.485	0.3
1674	0.8586	0.1675	0.8942	1.367	-1.421	0.03813	-0.9316	-1.631	-1.916
1675	0.373	0.4819	0.7986	0.5913	0.5734	-0.1875	-0.09723	1.204	0.3086
1676	1.328	-0.653	0.4237	0.01641	0.4785	-0.002344	0.5979	-0.3913	-0.7263
1677	1.19	-0.5808	0.4159	0.6186	0.0007031	1.02	-0.5999	-0.07906	0.2759
1678	-0.2956	-0.2867	0.5	0.5527	0.3848	1.664	-0.5758	-0.655	-0.31
1679	-0.04563	-0.8467	0.46	1.013	-0.02523	-1.446	-1.466	0.445	-0.36
1680	1.495	-1.296	1.551	1.173	1.165	0.5645	-0.6552	-1.244	-0.9994
1681	0.5734	0.1023	0.259	0.3216	0.7537	1.013	-0.2868	-1.056	-1.161
1682	1.275	0.3044	1.141		-0.1141	1.015	0.7753	-0.5439	-0.4689
1683	2.634	0.1033	1.89	2.233	1.515	0.6839	0.4842	-1.835	-1.16
1684	0.4477	-1.193	1.353	1.746	0.4881	2.837	0.2975	-0.2316	0.01336
1685	-0.5988	-0.09984	2.937	2.91	3.332		2.001	-0.9481	-1.563
1686	-0.712	-0.08312	2.124	3.216	4.568	2.348	2.508	-0.7914	-1.786
1687	-0.1256	-0.6467	0.75	0.7027	1.455	1.724	0.8542	-0.505	-1.27
1688	0.1094	-0.3617	1.465	1.458	0.9798	1.089	0.5292	-0.63	-0.065
1689	-0.3856	-0.7867	2.56	2.253	1.905	0.2739	0.2242	-0.175	-1.05
1690	0.3669	-0.8042	1.932	2.235	1.017	2.236	-1.283	-0.7525	-0.8575
1691	0.5255	1.494	0.3311	1.534	1.256	0.835	1.605	-0.3239	-0.4889
1692	2.41	1.299	-1.794	-1.862	1.18	0.7995	0.5498	0.8306	0.4756

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1693	2.687	1.615	-1.798	-1.865	1.557	1.166	0.6864	0.8672	0.4322
1694	0.8661	1.015	-0.09828	-0.3356	0.8365	0.9056	0.2759	-0.2833	-0.5083
1695	1.939	1.098	0.035	0.007656	0.1098	1.979	0.8592	-0.26	-0.135
1696	1.538	-0.253	0.05375	0.2064	-0.01148	1.528	0.09793	0.1187	0.2538
1697	0.9881	-0.543	0.6737	0.8064		2.988	0.7579	0.8387	0.7937
1698	1.434	0.3433	-0.23	-0.1273	-0.5652	1.214	-0.8058	0.585	0.62
1699	1.354	-0.7973	1.539	0.872	0.6241	-0.5567	0.9536	-1.796	-1.471
1700	-0.0025	0.5064	1.553	1.186	0.5579	1.127	0.7373	-0.4119	-0.2969
1701	0.004375	4.993	-1.74	-1.587	-1.555	-1.016	-1.296	-0.835	-0.58
1702	-0.5169		-0.3512	-0.2486	-0.02648	-0.9373	-0.4271	-1.556	-0.8813
1703	-1.796	2.063		2.363	-0.4452	0.1339	-0.8058	-1.525	-0.93
1704	-0.8994	2.26	-0.1737	0.2189	1.121	0.1802	-0.5396	-1.109	-1.384
1705	-0.2656	0.3533			0.5948	0.3339	-0.4258	-0.625	-0.35
1706	-0.1956	1.073	0.3	1.423	-0.7752	0.8839	-1.246	0.175	0
1707	-0.2506	1.018	0.605	2.018	-0.8502	0.3389	-1.751	0.15	-0.395
1708	-1.317	-0.5384	1.658	0.0009375	1.153	1.042	0.8425	0.1333	0.2983
1709	-0.7229	-1.204	0.6427	1.135	-0.4125	1.007	0.6069	-1.722	-0.7773
1710	-0.2184	-0.03953	0.6872	0.7298	-0.108	0.5411	1.211	0.002187	-0.1828
1711	-0.222	-0.5631	0.6736	0.4363	-0.5616	0.9475	0.2578		0.5836
1712	-0.06594	0.293	0.4797	0.7423	0.01445	-0.1364	0.6539	-0.2453	-0.1503
1713	-0.7391	-0.6802	1.076	0.7091	-0.8188	1.32	0.3207	-0.06852	0.3065
1714	-0.3913	-0.2423	0.9144	-0.05297	-0.1309	1.608	0.6786	0.2394	0.08437
1715	-0.5189	-0.03	0.6267	0.5794	-1.099	0.8406	0.4409	0.1317	0.4467
1716	-0.6384	-0.3695	1.237	0.9098	-0.738	1.371	0.3614	0.1422	0.2372
1717	-0.2856	-0.2467	0.29	-0.1773	-0.4252	1.344	0.3842	0.005	-0.21
1718	0.1847	0.07359	-0.7197	0.04297	-0.3449	-0.7658	-0.2955	-0.2747	-0.4797
1719	-0.03563	-0.2867	-0.37	-0.007344	-0.8352	-0.6061	-0.3558	0.025	-0.27
1720	0.1473	0.3963	-0.457	0.05563	-0.01227	-0.3931	-0.1929	0.298	-0.107
1721	0.5969	0.4358	-0.1975	1.195	-0.7027	0.3564	-0.8333		
1722	-0.8508		-0.3552	-0.4025	0.9296	1.859	-0.02102	-0.5702	0.2648
1723	-0.2831	1.646	-0.5275	0.5352	-0.7227	0.6664	0.5567	0.8475	0.7325
1724	0.4844	1.293	0	-0.1173	0.5948	1.424	0.1442	-0.365	-0.45
1725	0.05031	2.849	0.1159	0.7886	0.0007031	0.3898	-0.7599		
1726	2.003	1.322	0.1388	0.03141	-1.226	-0.3673	-0.6071	0.2737	0.1987
1727	0.7244	0.1233	0.67	0.8827	0.1348	0.8039	-0.2758	-0.795	-0.21
1728	-0.5794	-0.3905	0.2063	-0.5411		0.6002	0.5904	-1.739	-1.154

Table 1

	NORWAY 56-BE	NORWAY 7-BE	STANFORD 38	STANFORD 38-LN	STANFORD 16	STANFORD 14	NEW YORK 3	NORWAY 41-BE	NORWAY 41-AF
	ARRY43X	ARRY42X	ARRY45X	ARRY44X	ARRY46X	ARRY51X	ARRY52X	ARRY54X	ARRY53X
	1	1	1	1	1	1	1	1	1
1729	0.4244	-0.04672	0.14	0.01266	1.145	0.6639	1.474	-1.745	-1.78
1730	0.3811	-0.58	-0.3933	0.6094	0.7515	0.5006	0.2009	-1.028	-0.9133
1731	-1.041	-1.093	1.474	0.7568	-0.5911	-1.872	-1.422	-1.781	-2.226
1732	-0.2856	-2.007	1.06	0.2227	0.4248	-0.5161	-0.2558	-0.425	-1.01
1733	0.3314	0.3403		-0.09035	1.012	0.2809	0.6012	0.112	-0.473
1734	-0.6656	-1.357	-1.95	0.09266	1.325	0.003906	-1.586	0.695	-0.07
1735	-0.1798	-0.03094	-1.284	-0.3216	0.3605	0.01969	-0.44	-0.2892	0.2358
1736	-0.0475	0.4414	0.08813	0.8108	3.093	-0.948	-1.458		-1.152
1737	-0.7089	-0.09		0.7694	1.971	-0.3994	-0.8291	-1.668	-1.063
1738	-1.453	1.845	0.4322	1.165	0.457	-0.1239	-0.1836	-0.5828	-0.6278
1739	-0.4938	0.1252	-0.6181	-1.195	-0.6634	-1.324	-0.9039		-0.8781
1740	0.3144	-1.767	-0.2	-0.08734	-0.5852	-0.08609	-0.1458	-1.455	-1.66
1741	-0.0025	-0.9436	-0.1969	-0.2442	0.1879	0.177	0.2373	-0.7219	0.1731
1742	0.1194	1.718	0.115	0.5677	1.65	-0.1911	0.5792	0.17	-0.565
1743	-0.3984	0.0004688	0.1872	0.2998	0.732	0.4611	0.06137	-0.4478	-0.4828
1744	0.3394	1.528	-0.115	0.1377	0.4998	1.509	-0.6108	-0.16	-0.535
1745	0.1794	-0.7317	0.565	0.4577	0.8298	2.949	-0.9508	0.22	0.665
1746	0.6631	1.052	0.2787	0.3914	0.08352	-0.7273	-0.6771	0.1037	0.4087
1747	0.3794	0.2583	-1.765	-1.742	-0.5102	-0.3211	-0.1808	-2.5	-2.575
1748	-0.7644	-0.7955	1.731	2.784	1.546		-0.2446	-0.4038	0.3413
1749	-0.4931	0.1258	-0.2375	-0.4748	-0.6127	0.1864	0.04668	-0.8225	-1.268
1750	-0.8856	-0.8967	0	-1.217	2.845	-0.3861	-0.8658	-1.095	-0.85
1751	-0.776	-0.07707	0.3396	0.2123	1.344	0.01355	-0.2462	-0.2754	-0.6404
1752	1.054	0.5433	-0.18	0.4827	1.645	-1.356	-1.026	-1.665	-0.34
1753	1.677	-0.6745	0.09219	0.02484	1.387	-0.5339	0.1064	-1.263	-0.8278

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Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1	-0.006719	-0.2987	-2.254	-0.651	0.7312	0.4812	-1.657	0.2512	-0.3088
2	1.663	-0.1894	-0.3644	-0.1516	0.4106	0.5606	-0.5573	0.4306	-0.4494
3	-0.448	-1.31	0.065	-0.7723	-0.66	0.5	-2.198	0.05	0
4	-1.178	-1.21	0.215	-2.482	-0.43	0.3	-1.888	-0.21	-0.63
5	-0.338	1.06	-0.505	0.1977	0.11	0.04	1.132	-0.3	0.08
6	0.176	0.134	0.199	0.4317	-0.426	-0.376	0.496	0.434	0.164
7	2.33E-11	0.438	-0.607	-0.5743	-0.492	-0.252	0.36	-0.782	0.218
8		0.215	-0.86	-1.037	-0.825	-0.415	2.017	-0.865	-0.045
9	-0.2278	-0.3298	-0.08484	-0.07211	0.2402	0.2602	0.6422	-0.8498	0.01016
10	-0.498	0.52	-1.365	0.08773	-0.01	-0.16	1.222	-0.26	-0.2
11	1.247	0.825	0.13	-0.09727	-0.065	0.505	1.697	-1.775	-0.355
12	1.135	0.6731	0.4581	0.09086	-0.08688	0.2331	0.4652		-0.6669
13	1.198	1.196	1.041	0.1135	0.2758	-0.7942	0.2078	-0.1442	0.1258
14	-1.618	-0.88	-0.625	-0.1723	-0.13	-0.33	-0.01797	0.61	-0.24
15	-0.5181	-0.2202	-0.1352	-1.022	-0.7902	-0.6302	-0.2681	-0.6202	0.2398
16		-0.5206	-1.016	-1.223	-0.6906	-0.5006	-0.3986	0.7694	-0.6106
17		-0.2775	0.5775	-0.2298	-0.3275	0.3325	-0.4055	-0.0275	-0.3575
18	-2.076	0.2715	-0.5435	-0.07074	2.002	1.392	0.3136	-0.2985	0.7015
19	-1.01	0.04795	-0.6971	-0.4243	-0.2021	0.2679	0.37	-1.252	0.1279
20	-0.9555	0.0325	-0.5025	-0.5398	0.0125	0.0425	-0.6255	0.0625	-0.2475
21	-0.544	-0.496	0.369	-0.07828	-0.936	-0.986	0.006016	-0.816	-0.836
22	-0.2555	0.4925	-1.333	-0.5898	0.1625	0.0525	0.6445	0.6025	-0.3875
23	-0.4192	-0.4212	-0.3163	0.3965	-0.1012	-0.2112	0.4108	1.829	1.359
24	-1.563	-1.275	-0.57	-1.127	-0.115	0.315	-0.603	0.655	-0.095
25	-1	-1.302	-0.0075	-1.065	-0.0125	0.8975	-0.2605	1.008	0.0075
26	0.212	-0.96	-0.515	-2.082	-0.26	-0.01	0.07203	0.31	-0.02
27	-1.183	-1.005		-0.917	-0.4347	-0.08475	0.5573	0.8153	-0.3247
28	0.2648	-0.5373		-1.51	0.2327	0.05273	-0.7552	0.8727	0.6027
29	-0.678	-0.31	-0.795	-0.1823	-0.29	-0.11	-0.03797	1.05	0.26
30	0.002031	0.63	0.255	-1.042	-0.18	-0.07		-1.14	-1.04
31	-0.3269	0.5511		0.8488	-0.2189	0.3711		-2.049	-0.9089
32		-0.1537	-0.1788	-0.576	0.1263			-1.074	-0.09375
33	-1.082	0.2355	-0.2795	-0.4167	0.4855	0.4655	1.228	-0.6245	-0.2445
34		0.07359	-0.9614		0.2136	0.2636	0.8256	-0.4264	-0.5464
35	-0.588	-0.71	0.875	0.7177	-0.74	-0.56		0.24	-0.57
36	-0.03617	0.0418	0.4868	0.3495	-0.2682	-0.2082	0.003828	-0.4782	-0.2382

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
37	-0.07766	0.1403	0.2353	0.08805	0.01031	-0.04969	0.4023	-0.3497	0.07031
38	0.0007813	-0.4712	0.4237	-0.6035	-0.1512	-0.07125	0.7008	0.9487	-0.3113
39	0.132	-0.98	0.245	0.1177	0.28	-6.94E-17	0.442	0.67	-0.21
40	-0.673	0.705	-0.43		0.025	-0.105	0.467	-0.505	-0.825
41	-1.195	0.4328	-0.4622	-0.5295	-0.2072	-0.2072	0.9948	-0.5872	-0.6872
42	-0.5269	0.6011	-0.4239	-0.2212	0.2311	-0.04891	0.7131	-0.5189	-0.7189
43	-0.4755	0.1025	0.2375	0.1802	-0.1675	0.4225	-0.3855	-0.2275	-0.1675
44	0.312	-0.32	0.025	-0.4823	-0.28	-0.35	-0.328	-0.04	-0.67
45	0.142	-0.76	-1.805	-1.172	-0.05	0.16	0.892	0	0.28
46	-0.1107	-0.06273	-1.078	-0.185	0.03727	0.3273	0.7593	-0.4227	-0.04273
47	-1.367	-0.6689	-0.1839	0.2588	0.2011	0.001094	-0.7069	0.5011	-0.3489
48	0.1863	0.1443	0.7393	-0.178	-0.4157	0.4043	-0.8337	-0.4257	-0.5357
49	0.0007813	0.2388	0.8037	0.3365	-0.2612	0.4487	-1.139	-1.431	-0.2813
50	-0.388	-0.36	-0.505	0.3577	0.04	0.18	-0.438	0.33	-0.52
51	-0.213	0.285	-0.9	1.183	-0.385	-0.005	0.157	0.025	0.005
52	-1.218	-0.76	1.155	0.3877	-0.23	0.34	-0.428	0.68	0.07
53	-0.122	-0.4641	1.451	1.794	0.1859	-0.04406	2.198	-1.074	-0.5141
54	-1.982	-0.1644	-1.029	-0.2566	-0.08437	0.4656	-0.7023	-1.154	-0.02438
55	-0.8217	-1.484	0.2412	-0.706	-0.6038	-0.6538	-0.7517	-1.074	0.04625
56	0.3277	-0.9643	0.5107	-0.1066	-0.5743	-1.274	-0.2923	-0.9143	-0.5243
57	0.0007813	-1.251	0.1837	0.3665	-0.1612	-1.011	-0.8792	-0.1713	-0.4513
58	-0.673	-0.205	0	-0.04727	-0.105	-0.275	0.337	-0.535	-0.145
59	1.153	0.6013	0.3762	0.369	-0.1587	-0.6387	-0.2567	-0.3287	-0.01875
60	-0.498	-0.55	1.005	0.4077	0.56	0.01	-0.768	-0.65	0.5
61	-2.001	-1.303	-0.6278	-0.5151	0.2872	-0.2628	-1.521	-0.1628	-0.2328
62	-0.648	-0.02	0.225	0.4577		-0.26	-1.078	-0.98	-0.13
63	-1.192	-0.9341	-0.009063	0.04367	-0.6041	-0.1741	-0.472	-0.7441	-0.2841
64		-0.2875	0.7775	0.2402	-0.1275	0.6125	-0.5055	-0.7075	-0.3075
65	-1.528	-0.42	0.175	0.8077	-0.22	-0.29	-0.728	-0.31	0
66	-0.713	-1.045	-4.71E-08	-0.6773	0.055	-1.125	-0.08297	-0.135	-0.245
67	-1.648	-2.19	-0.695	-0.3823	-0.5	-1.28	-1.458	-1.73	-1.09
68	-1.083	-0.965	-0.38		0.205	-0.875		-0.195	-0.125
69		-0.9675	-0.2425	-1.73	-0.5875	-0.9975	-0.3055	-1.148	-0.5775
70	-0.628	-1.05	-0.785	-0.8323	-0.82	-0.81	-0.598	-0.62	-0.37
71	0.09703	0.085	0.46	0.7227	-0.085	-0.035	-0.253	-0.165	0.075
72	0.1869	0.3848	-0.9102	0.9526	0.1248	0.4048	-0.4031		0.2848

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
73	-0.3102	-0.2222	-0.2172	-1.634	-0.2722	-0.2422	0.03984	0.3478	1.218
74	-1.676	0.3424		0.2001	0.2524	-0.0776	-1.586	0.0124	-0.0976
75	-1.794	-1.246	-0.5206	-0.7779	-0.2356	-0.02563	-0.9636	0.03437	-0.3156
76	-2.453	-1.455	-1.38		-0.5747	-0.2847	-1.513	0.3053	-0.6847
77	-0.8814	-0.7434	-0.9284	-0.5257	-0.1234	-0.02344	-1.141	0.3166	-0.1534
78	-0.728	-1	-0.995	-0.2923	-0.15	0.05	-0.118	0.37	-0.21
79	-2.236	-1.338	-1.453	-0.8201	-0.3478	0.04219	-0.5558	-0.1578	0.1022
80		-1.217	-0.9923	-0.7595	-0.1973	0.2927	-1.165	-0.04727	0.08273
81	-1.358	-1.15	-1.005	-1.192	-0.49	0.13	-0.658	-0.6	0.03
82	-1.478	0.34	-0.615	-0.6723	-0.03	0.53	-0.248	-0.12	0
83	-0.958	0	-0.225	-0.3923	0.12	0.53	-0.288	0.49	0.18
84	-1.143	-1.225	0.04	-0.3973	-0.015	0.015	-0.913	0.015	-0.285
85	-1.025	-0.9175	-0.7425	-0.8998	0.0125	0.4325	-0.9955	0.5925	0.0725
86	-1.548	-0.92	-0.895	-0.9823		0.43	-0.398	0.67	-0.03
87	0.717	-0.755	-1.49	-0.7273	-0.025	0.365	-0.433	1.355	0.245
88	0.7959	-1.746	-0.8311	-0.8084	-0.1561	0.9539	0.4859	-0.6061	0.1739
89	-0.613	-0.125	-1.06	-0.9573	-0.055	0.275	-0.893	0.015	-0.115
90	-1.394	-1.346	-0.01094	-0.9682		1.224	-0.1339	-1.636	-0.5359
91	-1.07	-0.252	0.813	0.02578	-0.482	0.228	0.7601	0.158	0.08805
92	-2.049	-1.741	-0.9857	-0.833	-0.7007	0.2793	0.7813	1.169	0.5193
93	-0.2702	-0.2822	-1.277	-1.224	-0.1422	0.5078	0.1698	0.1678	0.1678
94	-1.359	-0.8709	0.5141	-0.9931	-0.1509	0.1391	-0.2388	-0.09086	-0.1009
95	-1.228	-1.28	0.335	-0.4923	0.01	-8.60E-09	-0.468	0.02	0.06
96	-1.048	-0.86	-0.805	-0.8323	-0.25	-0.19	-1.588	-0.16	0.04
97	-0.548	-0.47	-0.775	-0.9323	-0.11	-0.15	-0.758	-0.01	0.01
98	-0.8986	-0.9506	-0.4056	-0.5529	-0.2506	0.4594	-0.1386	0.7394	-0.1506
99	-0.8986	-1.091	-0.8856	-0.7429	-0.1406	0.5294	-0.4686	0.8394	0.3894
100	-0.918	-1.21	-0.685	-0.8723	-0.13	0.49	-0.548	0.64	0.06
101	-1.136	-1.328	-0.6928	-0.6801	-0.2778	0.5222	-0.7058	0.7322	0.06219
102	-1.857	-1.539	-1.224	-0.1112	-0.6489	-0.008906	-0.3069	0.9611	0.3111
103	-1.164	-0.9756	-0.2006	-0.04789	-0.01562	0.1244	-0.2536	0.8244	0.5644
104	-0.658	-0.4	0.155	-0.06227		0.44	-0.398	0.57	0
105	-1.26	-1.212	-0.5171	-0.4144	-0.2221	0.2979	-0.1501	0.6579	0.1779
106	-0.3867	0.3213		0.489	0.2812	-0.2088	0.04328	1.071	0.05125
107	0.1468	1.415	-0.2202	0.2725	-0.1652	-0.2052	0.4568	0.4448	-0.0752
108	-1.371	-0.5128	-0.2278	-0.1651	-0.4428	0.04719	-0.4908	0.1672	-0.05281

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
109	1.337	0.025	0.32	0.2127	-0.295	-0.985	-0.133	-0.025	0.055
110	0.2147	-0.0973	-0.1523	-0.02957	-0.2173	-0.8673	0.1047	0.2927	0.4727
111	-0.369	-1.261		-0.7133	-0.461	-0.741	-0.008984	0.909	0.559
112	-0.4857	-0.7277	-0.5327	-4.42E-11	-0.1777	-0.1277	0.4043	0.1123	-0.1477
113	-0.5355	0.4025	-0.1425	-0.3898	-0.4075	-0.1375	-0.9255	-0.4075	-0.3175
114	0.06203	-0.25	0.045		0	0.21	-0.488	-0.01	-0.36
115	0.7508	1.259	0.8537	0.06648	-0.9813	1.289	-0.6492	-0.8013	-0.2213
116	0.887	0.565	0.61	-0.1073	-1.205	0.985	-0.633	-0.535	-0.295
117	0.8303	0.5383	0.2333	-0.314	-1.152	0.9883	-0.7397	-0.8917	-0.2917
118	0.4292	-0.2928	0.4922		0.1672	0.02719	0.09922	0.2572	-0.6428
119		-0.4625	-0.6075	-1.635	-0.3025	-0.2525	-1.26	-0.2325	-0.1625
120	-1.207	-1.15	-0.5945	-0.9418	-0.1695	0.1405	-0.8175	-0.1395	-0.1695
121	0.272	-1.46	-0.775	0.03773	-0.29	-0.66	-0.168	0.55	-0.59
122		-0.007187	-0.7222	-0.1395	-0.2072	-0.4372	-0.1452	-0.5272	0.07281
123	-0.5958	-0.6578	0.03719	-0.2101	-0.2578	0.1222	-0.5158	-0.08781	-0.5778
124	-1.783	-0.325	0	-0.2473	-0.595	0.405	-0.493	-0.745	-0.025
125		0.002891	-0.06211		0.9329	0.8329	0.5349	0.02289	0.1329
126	-0.9017	-0.2637	-0.8288	-1.676	-0.3137	-0.1438	0.6683	-0.3237	-0.05375
127	-0.1308	-0.1928	-0.5078	-0.7151	-0.2528	-0.3328	0.7192	-0.5428	0.01719
128	-1.643	-0.4755	-0.2005	-0.1377	-0.1255	0.4345	-1.223	-1.185	-0.3555
129	0.8772		-0.2398	0.1329	-0.7048	-0.09484	0.4972	0.9552	-0.2048
130	0.8108	0.6588	-0.5863	-0.04352	0.2688	-0.02125	-0.5692	-0.7512	-0.5313
131	0.477	0.485	0	-0.6873	-0.795	-1.115	-0.08297	-0.585	-0.985
132	-1.058	0	0.005	0.3177	1.3	0.45		-0.92	-0.76
133	0.253	1.091	-0.2841	0.2787	-0.1091	0.3809		-0.6991	-0.5391
134	-1.476	-0.4877			0.5223	0.02227	-0.3957	-0.5377	1.692
135	-0.9617	-0.6637	-0.4888	-0.09602	-0.1137	0.09625	0.4783	-0.3637	1.106
136	-0.04469	-0.5267	0.08828		0.1133	-0.01672		0.1533	-0.6867
137	-0.5362	-0.8383	-0.4633	0.4195	-0.3383	-0.1683	-0.3963	0.4717	-0.6383
138	-0.2699	-0.742	0.433	0.09578	0.418	0.468	0.02008	1.158	0.02805
139	-1.485	-1.918	-1.443	-1.25	-0.9275	0.3525		0.2725	-0.7075
140	-0.823	0.105	-0.45	-0.5173	-0.435	-0.405	-0.293	0.185	0.015
141	0.0543	-0.6677	0.4673	5.55E-17	-0.4977	0.03227	-0.1857	0.6923	-0.2877
142	-0.007969	-1.51	-0.785	-1.032	0.01	0.35	-0.358	1.03	0.26
143	-0.04078	-1.483	-0.4878		0.4472	-0.5128	1.399	1.377	0.01719
144	-0.613	-1.595	-1.28	-1.137	0.055	-0.775	-0.773	1.615	1.165

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
145	-0.9402	-0.03219	1.733	1.536	0.06781	0.007813	-0.1602	-0.2522	-0.4022
146	0.1492	-0.4228	-0.1978	0.2149	0.3072	0.1172	-0.5408	-0.1428	-0.4628
147	-1.161	-2.213	-1.218	-1.815	-0.09316	-1.313	0.05887	0.7768	0.2968
148	-1.048	0.2	-0.095	0.08773	0.53	-0.14	-0.648	0.51	-0.12
149	0.372	-0.69	-0.535	-0.7323	-0.17	0.06		0.97	0.27
150	-0.9983	-1.57	-0.5453	0.07742	-0.07031	0.7897		0.3297	0.1697
151	-1.671	0.07719	-0.1778	-0.3651	-0.2928	0.1472	-0.5308	0.2872	-0.1928
152	-1.243	0.025	-0.21	-0.4773	-0.055	0.485	-0.393	0.235	0.065
153	-1.443	0.195	-0.22	-0.9073	-0.075	0.365	-0.593	0.415	-0.075
154	-0.5086	-0.1306	0.3944	-0.02289	0.2594	0.1894		0.9094	0.3394
155	0.02203	-0.8	-0.035	-0.07227	-0.01	0.17	0.702	0.45	0.18
156	0.02203	-0.92	-0.105	-0.3923	-0.15	0.03	0.402	0.51	0.2
157	-2.128	-0.96	-1.375	-0.9623	0.38	0.71	0.632	0.97	0.95
158	-0.8892	-1.331	-1.036	-1.494	0.02875	0.6187	0.05078	0.9387	0.8087
159	-0.533	-0.245	-0.01	0.6127	-0.065	0.305	-0.103	0.275	0.225
160		0.05863	0.7736	0.006367	0.1486	0.5386	0.09066	-0.6414	-0.7814
161	-0.1983	-0.9303	-0.5253	-0.09258	-0.1803	0.5097	-0.6783	0.4397	-0.8803
162	-0.2641	-0.1461	0.1689	-0.5284	0.01391	-0.2861	-0.4241	0.1439	0.2639
163	1.222	0.38	-0.815	-0.4323	0.22	-0.09	-0.598	-0.13	-0.57
164	0.5078	-0.03422	-0.03922	-0.2365	0.2958	0.1658	-0.5222	0.3858	-0.1942
165	-0.3686	-1.171	0.3444	-1.573	0.2394	-0.01062	0.4214	0.3994	-0.4306
166	-1.848	-1.66	-0.725		-0.42	0.14	-0.198	0.08	-0.04
167	-0.608	0.19	-1.235	-1.742	-0.27	-0.19	-1.098	-0.67	-1.16
168	-2.118	-2.24	-1.855	-1.032	0.15	-1.15	-0.928	0.26	-0.87
169	-2.16	-1.892	-1.097	-1.314	-0.3721	-0.1021	-2.03	0.02793	-0.4921
170	-2.56	-2.942	-0.1471	-0.6144	-0.2121	1.058	-0.7601	0.1879	-1.262
171	-2.698	-2.35	-3.135	-2.272		-6.94E-17	-1.568	0.77	-0.36
172	-0.633	-1.825	-1.41	-0.9773	-1.195	-0.145	-0.08297		-1.665
173	-1.75			-0.144	-0.3117	-0.3417	-0.6497	1.648	-0.8417
174	-1.428	-0.7502	-0.9752	-0.8224	-0.1902	0.4898	-0.6081	0.3698	-0.6302
175	-1.741	-1.303	-1.988	-0.6253	-0.183	0.757	-1.101	0.447	-0.703
176		0.2624	0.2874	0.2702	-0.5176	-0.1076		0.1424	0.5724
177	0.07344	-0.7386	0.6164	0.07914	-0.2186	0.2014	0.5534	-0.2086	-0.5486
178	0.842	-0.36	-0.105	0.7077	0	-0.1	-0.518	-0.17	-0.21
179	-1.174	-0.5965	0.3885	0.00127	-0.3965	-0.1565	-0.3444	0.3335	0.3435
180	-1.118	-0.47	0.385	0.2877	-0.49	-0.23	-0.178	0	0.43

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
181	-1.32	-0.6116	0.3734	-0.1039	-0.5916	-0.09164	-0.2296	0.09836	0.3684
182	-1.458	-1.49	-1.105	-1.062	-0.03	0.14	-0.268	1.1	0.62
183	-1.58	-1.562	-0.8773	-1.355	-0.04227	0.3277	-0.02023	0.9177	0.4277
184	-0.8125	-1.015	-0.4395	-0.6968	-0.1345	0.3955	-0.5525	0.7155	-0.5245
185	-1.383	-1.465	-1.1	-0.9971	0.03516	0.6252	-0.2028	1.265	0.8452
186	-1.188	-1.63	-0.595	-1.042	-0.03	0.76	0.07203	0.93	0.2
187	-0.9305	-1.222	-0.2475	0.03523	-0.1725	0.6275	0.08953	0.6275	-0.1525
188	-1.214	-2.266	-1.031	-0.7084	-0.4361	0.6639	0.3959	1.164	0.3039
189	-1.57	-1.562	-0.627	-0.5943	-0.352	0.208	0	0.648	0.03797
190	-1.808	-2.11	-0.965	-0.9923	-0.33	0.66	0.03203	0.85	0.18
191	-1.463	-1.025	-1.74	-1.178	-0.02535	0.8346	-0.2733	0.8146	-0.03535
192	-0.862	-0.9441	0.4509	0.1737	-0.1841	-0.2941	-0.462	0.6359	0.3059
193	-1.363	-1.395	-2.64	-1.628	0.02453	0.6245	-0.6534	0.8045	-0.1755
194	-0.6423	-0.4844	-0.6594	-0.1366	-0.2044	0.1256	-0.7523	0.1556	-0.4744
195	-0.88	-0.4621	-0.5671	-1.024	-0.2121	0.03793	-0.28	0.00793	-0.6521
196	-0.9675	-0.8396	-0.8346	-0.6818	-0.1396	-0.08955	-0.7975	0.2604	-0.09955
197	0.3668	-0.4452	-0.05023	-0.6475	0.08477	0.2148	-0.5032	0.1148	-0.1752
198	0.422	-0.48	0.385	-0.3823	0.34	0.17	-0.768	0	-0.26
199	0.7979	0.4558	-0.09918	-0.1164	-0.05418	0.07582	-0.6321	0.3358	-0.5342
200	0.827	-0.165	0.14	-0.3173	-0.365	0.015	-0.853	0.175	-0.285
201	1.582	0.4202	0.04516		-0.2598	-0.2798		-0.1298	-0.3998
202	-0.4869	0.8411	0.09609	-0.1912	-0.3289	0.6111	-0.4469	-0.7889	-0.3789
203	-1.058	0.45	0.155	0.1077	-0.42	0.35	-1.068	-1.02	-0.56
204	-0.2608	0.6172	0.4122	0.5549	-0.1428	0.5672	-1.011	-0.4828	0.1872
205	-0.941	-1.083	-1.128	-0.7753	0.01695	0.07695		1.037	0.507
206	-1.544	-0.7256	-0.7106	-0.9579	0.03437	-0.2256		1.434	0.3844
207	-1.655	-0.4272	-0.6922		-0.1572	-0.8972	0.3348	0.8328	0.06281
208	-1.725	-0.9175	0.0875	0.08023	0.0725	1.302	-1.205	-0.5075	-0.1575
209	-1.173	-0.8053	-0.07031	0.09242	-0.3053	-0.1853	-0.03328	0.8147	-0.7753
210	-1.338	-0.85	0.095	-0.4923		-0.3	-0.04797	0.46	-0.71
211	-1.215	-0.6767	-0.5517	-0.04898	-0.2967	0.8133	-0.9247	0.03328	-1.227
212	-0.5123	-1.104	-0.07938	-0.4266	-0.2044	-0.1444	-0.3823	0.7456	-0.1244
213		-0.495	-1.54	-0.7973	0.445	1.085		0.065	-0.915
214	-0.85	-0.362	-0.697	-1.114	-0.342	0.168	-0.72	-0.432	-0.06203
215	-1.135	-0.8171	-0.9321	-0.1994	-0.007109	-0.02711	0.1549	0.9229	0.5529
216	-0.173	-0.305	-0.39	-0.2273	-0.525	0.505	0.147	1.345	-0.545

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
217	-0.9319	-0.6139	-0.6289	-0.3962	-0.01391	0.3861	1.038	0.6961	0.7361
218	0.3608	1.439	-1.446	-0.2135	0.5388	0.5188	0.2908	-0.1212	0.5787
219	-0.05797	0.84	-0.495		0.5	0.37		-0.17	0.26
220	-0.518	-0.84	-0.925	-0.8923	-0.12	0.25	0.162	-0.85	0.31
221	-0.5742	-0.4462	-1.321	-1.309	-0.00625	0.09375	0.01578	-0.3662	0.2537
222	-1.558	-1.04	-1.985	-1.232	0.03	1.39E-17	0.422	-0.5	-0.38
223		-0.4275	-1.413	-1.12	-0.4075	-0.0475		-1.188	0.0325
224	-1.52	-0.05172	-0.1967	0.556	-0.3117	0.09828		-0.3817	-0.1817
225	-0.7439	-0.03594	-0.05094	-1.038	0.1041	0.3641	0.7261	0.2541	0.3541
226	-1.113	0.025	-0.48	0.05273	0.635	1.615	-0.463	-1.035	0.725
227	-0.233	0.575	-1.27	-0.3173	-0.415	0.015	-0.693	-0.525	-0.575
228		-0.13	-0.905	0.007734	-0.24	0.56	-0.278	0	0.22
229	0.02203	0.28	-0.055		-0.11	0.56	0.132	0.59	-0.15
230	-0.2277	-0.5997	-0.04469			0.02031		-0.2297	-0.3597
231	-0.2121	-0.8741	-0.2691	-0.02641	-0.2241	0.08586	-0.5421	0.3659	-0.06414
232	-0.133	-0.525	-1.16	-0.5073	-0.285	0.645		-0.195	-0.125
233	-1.215	-0.3569	-2.362	-0.9691	-0.1069	0.5131		-0.1369	-0.3869
234	-0.768	0.01	-0.415	0.5077	-0.58	0.91	-0.918	-0.01	0.97
235	-0.591	0.417	0.592	0.3847	-0.683	0.707	-0.961	-0.08305	
236			-1.046	-1.633	-0.6506	-0.4006	-0.9386	0.01937	0.06937
237	-0.2623	-0.7844	-0.9694	-0.1666	0.2056	0.5556	-0.6123	-0.04438	-0.3944
238	-0.8102	0.1878	-0.5972	-0.3245	-0.06219	1.068	0.9398	-0.2522	-0.05219
239	-0.6833	0.07469	-0.5103	-0.3376	1.525		0.1867	-1.305	0.1747
240	0.02328	0.6613	-0.06375	0.499	-0.4987	-0.2887	1.023	-0.5087	0.1612
241	-0.1818	0.7362	-0.6688	0.1139	-0.3038	0.05617		-0.3138	0.4562
242	-1.478	-0.09	-0.705	-0.09227	-0.07	-0.03	0.05203	-0.49	-0.16
243	-1.077	-0.08875	-0.5038	-0.161	1.781	1.221	0.8733	-0.3188	-0.02875
244	-0.1874	-0.6795	0.07555	-0.1717		-0.2295	-1.027	-0.6895	-0.05945
245	-0.8705	-0.6325	-1.158	-0.3948	0.8175	0.7275	0.4095	0.3975	0.4775
246	-0.7434	-0.9155	-0.6305	-0.9677	0.4745	0.5445	0.3966	-1.115	0.2245
247	-1.706	-1.058	-0.3132	-0.5105	-0.5582	-0.3782		-0.1682	-0.3382
248	0.5162	-1.876	-0.4609	-2.028	0.1441	-0.2959		-0.1959	-1.406
249	-0.05297	0.645	-1.09		1.785	1.105	0.717	0.805	0.435
250	-0.521	0.317	-1.818	-0.8453	1.987	2.287	0.769	1.007	-1.133
251	-0.5197	-0.01172	-0.6867	-0.924	-0.2517	0.3583	0.3703	0.4383	-0.4217
252	-0.443	-0.145	-1.27	-1.437	0.245	-0.015		0.095	-0.355

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Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
253	-1.678	-0.59	2.055	1.098	1.06	0.03	-0.818	-0.62	-0.63
254	-0.743	-0.5551	0.8099	1.083	-0.1451	0.09492	1.107	-0.1151	0.2749
255	0.1242	-0.4478	1.497	0.1399	-0.6878	-1.038	-0.6658	-0.6278	-0.1578
256	-1.154	-1.166	-0.4914	-0.6987	-0.1364	-0.6864	-3.824	-0.1964	-0.2564
257	0.1788	-0.2432	0.3618	-0.7755	-0.0732	-1.523	-0.2012	0.8268	0.0468
258	0.7903	-0.07172		-0.644	0.6283	-0.4717	0.3803	-1.042	-0.3317
259	0.03141	0.8294	-1.006	-0.2429	0.7594	-0.03063	1.241	1.739	2.659
260	0.9008	0.9588		-0.8035	0.5088	-0.6912	-0.4192	1.469	2.419
261	-0.2755	0.3925	-0.0125	-0.5598	-0.2075	-0.6975	0.5345	-0.4975	0.1025
262	0.4259	0.6539	-1.351	-1.158	-0.1561	-0.07609	1.386	-0.06609	1.264
263	0.8781	0.02609	-0.07891	-0.1562	-0.5839	-0.4739	-0.001875	0.6461	-0.5839
264	1.627	0.655	-0.45	-0.1873	0.005	-0.125	0.497	0.685	0.275
265	1.37	1.348	-0.6967	-0.774	-0.3017	0.09828	1.05	-0.7017	0.05828
266	1.155	0.5928	0.5478	0.7005	0.2128	0.3028	-0.9652	0.9828	0.1128
267	2.329	-0.1126	-0.3476	-0.9149	0.0174	-0.0726	0.3094	-0.2626	-0.4626
268	1.228	1.096	-0.5189	-0.3362	-0.4239	-0.4239	0.07809	-1.034	-0.5439
269	-1.746	0.7122	2.367	2.21	-0.4978	-0.03781	-0.6058	0.1222	-1.078
270	0.08563	0.1436	2.199	1.451	0.2236	-0.06641	-1.444	-1.156	-0.006406
271	0.3683	1.316	-0.3188	-0.626	0.1363	0.2363	-1.682	-0.4537	-0.4537
272	-0.578	0.57	-0.655	0.7877	0	0.09	0.342	-0.82	0.01
273	0.5179	-0.4341	-0.1991	0.7736	0.1059	0.4659	0.03789	-0.4441	0.1959
274	-0.4388	-0.4009		0.5669	-0.3109	-0.3309	-0.9088	0.1791	0.08914
275		-0.43		1.768	0	-0.39	0.602	0.79	0.33
276	-1.376	-0.8779	0.5471	0.2099	0.6121	0.2121	0.01418	0.7621	0.8321
277	-1.298	-0.72	-1.465	0.06773	0.12	0.72	0.532	-1.02	1
278	-1.529	-0.2406	0.4144	-0.3629	-0.2206	0.3194	-0.5386	-0.5606	-0.4406
279	-0.9702	-0.3222	-0.9172	-0.3345	-0.2522	0.3178	0.4998	0.07781	0.6178
280	-0.488	0.44	-0.565	-0.07227	0	-0.07	-0.568	-0.13	-0.42
281		0.42	-0.715	0.09773	0.79	0.13	0.632	0.01	-0.55
282	0.5798	0.6078	0.2728		-0.02219	0.007813	-0.5102	-0.3522	0.2078
283	-0.4833	0.6047	0.8197	0.5524	0.6347	0.6047	1.537	0.6247	0.5747
284	-0.588	0	0.575	0.7277	0.66	0.15	-0.02797	-0.39	0.74
285	0.9992	0.5672	0.3922	0.6549	-0.1928	0.4472	0.1892	-0.06281	-0.6528
286	-1.945	-0.3275	-0.8425	-0.7398	1.063	1.073	0.3345	-0.4975	-0.2175
287	-1.252	-0.3645	-0.4395	0.003242	1.386	1.206	0.8375	-0.6745	-0.1245
288	0.5714	0.3594	-0.03563	0.1171	-0.6806	0.1194	-0.8586	0.2994	-0.6006

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
289	-0.1042	0.6838	-0.03125	-0.4585	-0.6962	-0.00625	0.1558	-0.1662	-0.4563
290	2.118	2.696	-0.5795	-0.05674	-1.484	0.2055		-4.094	
291	-0.9821	0.4359	-0.1691	0.9436	0.2659	-0.1741	-0.8621	-0.3741	-0.9841
292	-1.458	1.26	-0.065		-0.54	0.11	-0.488	-1.2	-0.73
293	2.091	0.5886	0.3936	0.2663		0.08859	-0.5294	-0.3214	-0.06141
294	1.232	0.83	0.125	-0.08227	1.43	0.75	0.902	1.13	1.01
295		-0.03	0.855	0.02773	0.11	0.51	0.532	0.06	0.29
296	0.1768	0.2448	0.9898	-0.1175	0.004805	0.7348	0.7668	-0.0652	-0.005195
297	-0.3462	0.06172	0.06672	-0.5605	-0.2883	0.3117	-1.496	-0.03828	0.9317
298	0.542	0.42	1.045	0.2777	-0.17	0.57	-0.358	-0.11	0.29
299	2.27	0.3278	1.063	1.056	-0.1522	0.5278	-0.2902	-0.1322	1.718
300	-0.4155	-0.8475	-2.023	-0.7898	-0.5675	0.2625	-1.105	-0.2575	-0.0675
301	-2.218	0.06	-1.965	-1.252	-0.4	0.12	-1.168	0.68	0.16
302	0.304	0.001953	0.537	0.8497	-0.03805	0.992	-1.736	-1.398	-0.828
303		0.2025	0.4375	-0.1898	-0.2975	0.0025	0.9845	-0.6675	-0.2975
304	-0.9221	-0.1742	1.401	0.003555	0.3758	-0.2342	0.2579	-0.7642	-0.4842
305	-1.208	-0.26	1.555	0.1477	0.3	-0.27	0.122	-0.8	-0.52
306	0.08641	0.2544	-0.2806	0.2821	-0.2056	0.1744	-0.2636	0.01437	0.05437
307	-0.888	0.51	-0.125	0.5477	-0.27	-0.01	0.352	0.45	-1.65E-08
308	1.169	0.6573	0.5623	0.1451	0.4073	0.07734	-0.1006	-0.1727	-0.04266
309	0.09953	0.5275	0.0525	0.4752	0.2775	0.0075	0.5895	0.2075	-0.4425
310	0.4267	0.7146	0.7596	0.5624	0.5846	0.4646	0.5967	1.125	0.3046
311	0.3123	1	0.9553	0.438	1.12	0.3703	0.7823	1.39	0.1603
312	0.222	0.7	1.055	0.7277	1.46	0.69	0.442	1.64	0.41
313	-0.003594	0.8844	0.9994	0.7121	1.104	0.2744	0.7064	1.304	0.2344
314	0.4781	1.076		0.1838	1.216	0.6261	0.8081	0.8961	0.1861
315	0.1124	0.9304	0.9754	0.4681	1.16	0.5804	0.5224	0.7804	0.07035
316	1.692	1.63	0.495	0.3077	-0.3	-0.05	0.182	-0.85	0.42
317		0.2925	-0.1925	0.6802	0.4025	0.0825	0.1145	0.4925	0.2425
318	-0.488	0.6	0.535	0.1277	0.67	-0.15	-0.278	-0.37	0.55
319	0.207	-0.085	-0.46	-0.6773	0.025	-0.315	0.427	0.615	0.455
320	0.2794	0.07734	0.6023	0.7451	-0.2927	-1.143	0.8694	1.167	0.5173
321	1.269	0.6972	-0.5478	-0.2851	-0.04281	0.09719	-0.5508	0.01719	-0.2528
322	-0.633	-0.275	-0.8	-1.047	-0.035	0.205	-0.303	0.215	0.505
323	0.7378	0.1758	0.9608	0.5335	-0.2242	-0.02422	-0.4522	-0.3942	0.02578
324	1.472	1.02	-0.015	-0.1723	-0.87	-0.62	-1.108	-1.43	1.34

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
325	1.147	0.885	0	-0.2373	-0.585	-0.655	-1.503	-0.875	1.635
326	0.4706	0.3386	-0.4964	0.05633	-0.01141	-0.3614	-0.7894	-0.7514	1.059
327	-0.4358	0.9322	-0.3728	-0.03008	-0.4478	0.1422	-1.436	-0.3578	-1.008
328	0.9142	1.352	0.6072	0.3399	-0.9678	0.2322		-0.2478	-1.558
329	-0.05797	0.98		0.3277	-0.65	0.36	-1.788	-0.4	-1.03
330	-0.07578	1.592	0.6872	0.4599	-0.6078	0.4022		-0.5178	-1.188
331	-0.538	-0.19	-0.085	-0.7023	0.13	0.34	0.462	0.05	-0.34
332	-0.9455	-1.007		-0.7498	-0.0275	0.1625		0.2925	0.0525
333	-0.873	-0.655	0	0.1127	-0.045	0.385	0.197	-0.085	-0.065
334	-0.898	-0.15	-0.335	0.2077	-0.01	0.5	-0.898	0.53	0.17
335	0.6681	1.026	0.1211	0.1438	-0.6039	-0.3639	0.03812	0.01609	-0.3839
336	0.2673	0.8553	-0.4297	-0.797	0.1553	1.035	-0.3627	0.6653	-0.4847
337	-0.7605	-0.9825	-1.338	-0.07477	-0.0825	-0.0125	-0.5605	0.6675	-0.5425
338	0.3277	1.996	0.8607	-0.2966	-0.4343	0.1157	-0.1523	-0.8443	0.0757
339	-0.958	-0.6	0.695	0.7077	-0.21	0.42	0.132	0.06	0.07
340	-0.568	-0.05	-0.295	-0.1923	-0.11	-9.71E-17	-0.468	-0.04	-0.32
341	-1.093	0.415	-0.29	0.8527	-0.535	-0.355	-0.393	-0.575	0.225
342	-1.817	-0.7586	-0.6036	0.08914	0.05141	-0.1486	-0.3866	0.01141	-0.2986
343	-1.122	0.2155	-0.2695	0.7533	-0.3345	-0.1545	-0.3924	-0.2745	-0.2745
344	-1.438	0.37	-0.175	0.9977	-0.36	-0.04	-0.858	0.23	-0.3
345	-1.131	-0.1628	-0.5678	0.1249	-0.1728	0.1372			0.3772
346	-0.588	-0.76	-0.525	-0.4223	-0.38	-0.56	0.282	0.02	0.08
347	-0.848	-0.55	0.045	-0.2723	-0.8	-0.06	-0.338	0.76	-0.36
348	0.2598	-0.4422	0.4728	0.07555	-0.4322	-0.002188	0.1098	0.3378	0.05781
349	-0.0004687	0.1075	0.7125	-0.1948	-0.0325	-0.1225	-0.4405	-0.1125	0.1075
350	-0.07797	-0.6	0.515	0.1677	-0.56	-0.93	0.162	-0.05	0.11
351	-0.7022	0.04578	1.351	0.1435	-0.6042	0.2958	-0.04219	-0.2242	0.1558
352	-1.754	-0.1965	-0.8115	-0.4888	-0.7065	-0.1065	-0.9545	-0.0965	0.0335
353	-0.118	0.27	-0.605	0.2477	-0.7	-0.16	0.972	-1.3	-0.05
354	-0.09297	0.165	1.29	0.9427	0.285	-0.175		0.595	0.485
355	-0.5955	0.3625	-0.0825	0.2502	0.5225	-0.0275	-0.5855	0.0425	-0.2075
356	0.65	0.608	-0.747	-0.3343	-0.462	-0.292	0	-0.982	-0.372
357	0.6492	0.09719	-0.3278	-0.5451	-0.6128	-0.4528	0.4692	-0.3728	-0.3328
358	1.464	0.9023	-0.5827	-2.74E-11	-0.3577	-0.3177	-0.3657	-0.7777	0.6523
359	1.248	0.5864	-1.069	-0.08586	-0.6036	-0.4036	-0.4216	-0.4336	0.4764
360	0.5559	0.2839	-0.8311	-0.5284	-0.3861	0.3139	-0.7841	-0.6661	-0.4561

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
361	-0.383	-0.045	-1.16	-1.057	-0.295	0.215	-0.943	-0.625	0.375
362	-0.6919	-1.014	-0.9689	-0.3962	0.1161	0.1461	-0.1519	0.1061	0.02609
363	-1.245	-1.017	0.2775	-0.5798	0.1125	0.1525	-0.3355	-0.3375	-0.3275
364	0.2445	-0.0275	0.2475		-0.2675	0.5025		-0.0875	-0.7975
365	0.01203	-0.88	0.555	0.4877	-0.46	-0.51	-0.428	-0.11	-0.34
366	0.3023	-0.4397	0.1953	-0.262	0.1703	-0.01969	0.2123	-0.3997	0.4703
367	-0.198	1.25	0.215		-0.11	-0.07	0.002031	0.2	0.19
368	0.03055	0.9985	1.204	1.716	0.5885	0.7985	1.081	1.039	-0.4815
369	0.972	1.12	-0.055	-0.02227	0.35	-0.05	0.532	0.29	0.22
370	1.954	0.7319	-0.05313	0.4696	0.3619	-0.6681		0.3819	-0.1181
371	-1.028	0.04	-0.445	0.7977	-0.56	-0.35	-0.718	-0.57	-0.88
372	-1.052	0.5059	-0.2691	-0.4363	-0.2841	0.06594	-0.252	-1.244	-0.3741
373	-1.108	0.37	-0.305	-0.002266	-0.03	-0.07	-0.778	-0.91	0.77
374	-1.017	-0.4186	0.1264	0.1391	-0.4786	-0.1986	-0.5566	-0.03859	-0.6486
375	-1.466	0.4122	-0.4928	0.4799	-0.1078	0.2822	-0.3658	-0.5078	-0.5078
376	-0.7236	-0.5556	-0.02063	0.1721	-0.2056	0.2044	0.2364	-0.3356	-0.2256
377	0.702	0.18	0.925	-0.7323	-0.52	-0.31	-0.858		0.63
378	-1.868	-1.19	1.885	1.428	-0.46	-0.9	-1.208	-1.11	-0.74
379	-0.5008	0.1272	0.02219	-0.06508	0.05719	-0.1028	-0.09078	-0.09281	0.05719
380	-0.452	-0.3841	0.08094	-0.1063	-0.5441	-0.4341	-0.682	-0.9541	-0.7941
381		-0.8575	-0.7525	-0.4098		0.0325	-0.2155	-0.3975	-0.1275
382	-1.299	-1.181	-0.6863	-0.9635	-0.1313	-0.03125	-1.459	0.8987	-0.4113
383	0.8613	0.9093	-0.6257	-0.003008	0.4093	0.1893	0.2313	-0.1407	0.1093
384	0.04773	-0.1143	-0.6193	-0.5566	-0.8643	-0.1443	-0.2823	0.1257	-0.2043
385	0.1845	0.2525	-0.6425	-0.2598	-0.6675	0.1425	-0.5555	0.8625	-0.2475
386	-0.518	-0.25	-0.475	0.1077	-0.33	-9.71E-17	0.102	3.19E-09	-0.15
387	0.07078	-0.1512	0.1737	-0.5935	-0.06125	-0.2412	-0.1192	-0.4812	-0.4313
388	0.522	0.28	-0.275	-0.5123	0.11	-0.5	-0.09797	-0.55	
389	-0.5018	-0.1938	0.07117	-0.5661	-0.4138	-0.09383	0.1382	-0.1738	-0.2638
390	-0.4323	0.8357	1.521	0.1134	-0.2143	-0.4343	-0.1423	0.0757	-0.0443
391	0.1852	0.1431	-0.02188	0.03086	-0.5869	0.08312	-2.335	-0.5769	-0.3569
392	0.05922	-0.3228	-0.2378	0.004922		-0.5228	-0.4508	-0.3028	-0.1728
393	-0.4996	0.7684	1.033	-0.2939		-0.1816	-0.3196	-0.9016	0.3384
394	1.379	0.8572	0.3922	0.1349	0.1472	0.1172	-0.04078	0.2772	-0.5728
395	0.3409	0.6389	-0.7761		-0.8811	-0.9511	-1.179	-0.7911	-0.01109
396	0.2984	0.3864		-0.7359	-0.2136	-0.08359	-0.07156	-0.1036	0.8264

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Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
397	-0.6013	-0.1833	1.142	0.4945	0.4767	0.2267	0.3087	0.2767	-0.1633
398	0.172	-0.03	-0.415	0.09773	-0.2	-0.07	-0.738	0.08	-0.41
399	-1.486	-0.2978	0.2172	0.2099	0.4022	0.4722	-0.1758	-0.2078	0.3822
400	-2.018	-0.39	-0.725	0.2377	0.11	-6.94E-17		-0.08	-0.02
401	0.502	0.02	1.225	-1.662	-0.03	-0.94	-0.148	-0.86	0.33
402		-0.9137	1.451	-0.356	0.2263	-0.3737	0.1883	0.4063	0.6563
403	0.642	0.14	-0.185	0.2377	0.23	-9.71E-17	-0.268	-0.08	-0.32
404	1.43	-0.4525	-0.0175	0.5652	0.8675	0.1375	0.6695	-0.5525	-0.4125
405	-0.06547	-0.2675	-0.0625		-0.5475	-0.6175	-0.9755	-0.5875	-0.2075
406	0.3001	0.848	-0.817	-0.1842	-0.722	-0.282	0.04006	-0.582	-0.482
407	-0.588	0.56	-0.005	-0.3123	-0.26	0.96	-0.368	3.78E-09	0.52
408	-1.762	-0.8439	-0.9789	0.02383	-0.01391	0.2861	0.04813	0.7361	1.416
409	-0.438	0.18	0.215	-0.002266	-0.18	-0.12	0.152	0.56	-0.15
410	-0.03672	-0.1087	0.1062	-0.211	-0.07875	-0.02875	-0.3667	-0.01875	0.2712
411	-1.298	-0.77	3.265	2.298	1.72	4.22	-1.598	-2.28	0.69
412	1.875	0.5228	0.1578	-0.2695	-0.2472	0.3628		0.3528	-0.3572
413	2.003	0.5813	-0.2537	-0.0009766	-0.1687	-0.04871	2.503	-1.069	-0.06871
414	0.5525	0.4805	-0.7845	-0.01176	-0.3795	0.06051	-0.3875	-0.5795	-0.2295
415	0.182	0.66	-0.685	-0.9623	-0.47	-1.39E-17	-1.868	-2.96	0.74
416	-0.1646	0.5534	0.1584	0.1111	-0.3866	-0.3966	-0.2546	-0.3766	-0.7766
417	-0.2318	0.6861	-0.6389	0.01387	0.2261	0.1061	0.7082	0.06613	0.06613
418	-0.508	0.38	-0.585	-0.3823	0.52	0.63	0.662	-1.08	-0.9
419	1.158	1.096	0.6112	0.104	0.08625	0.1162	0.7483	-1.344	0.3162
420	0.112	-0.88	-0.625	0.1177	-0.94	-0.32	0.422	-0.58	-0.4
421	0.08203	0.46	0.605	0.6977	-0.98	-0.41	-0.558	0.39	1.07
422	0.4008	0.5488	-0.4063		-0.05125	0.4288	-1.669	1.629	0.3687
423	0.522	0.35	-0.805		-0.63	-0.74	-0.738	-1.16	-0.64
424	-2.478	0.11	2.475	1.498	-0.33	0.08	-1.508	-0.75	-0.66
425		1.1	2.695	1.948	0.23	0.66		-0.78	-1.58
426	2.699		0.3323	1.815	0.1173	1.057	-0.9707	-0.6027	-0.4627
427	-0.2892	2.299	0.1437	0.6765	0.5888	-0.05125	-0.09922	-1.301	-1.231
428	0.4208	0.2487	-0.01625	1.116	-0.6513	0.7287	-2.169	-0.8413	0.2387
429	-0.173	0.055	-0.24	1.143	-1.075	0.535	-1.163	-1.005	-0.105
430	1.655	1.173	-1.073	0.6602	-1.278	0.2525	-1.795	-1.168	-0.6875
431	0.8527	0.6906		0.8984	-1.179	0.1606	-1.577	-0.7594	
432	1.187	1.165	-0.3	0.8827	-1.035	0.185	-1.243	-0.485	-0.215

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
433	-0.7205	0.1175	-0.0875	0.3152	-0.8125	0.6275	-0.4905	-1.733	-1.333
434	1.664	0.4716	0.2166	0.5394	-0.2284	0.2816		-0.3184	-0.1684
435	-0.1323	0.2356	-0.5194	-0.3666	-0.3144	0.2556	-0.4823	-0.8444	-0.3544
436	-0.09203	1.136	0.8309	0.8737	-0.3041	-0.08406		-0.7041	-1.214
437	-0.108	0.68	-0.605	-0.1223	-0.46	0.22	-0.278	-0.5	
438	-0.1001	0.5679	0.7129	0.7556	-0.01215	0.3279	-0.6201	-0.9721	-0.7121
439	0.6443	0.08227	-0.4627	-2.56E-11	-0.1477	0.03227	0.3143	-0.2377	-0.4477
440		-0.61	-0.985	0.3477	0.26	-0.01	0.182	-0.19	-0.69
441	-0.007969	0.68	0.135	-0.2123	-0.83	0.34	0.702	-1.21	-0.46
442	0.287	0.215	0.69	0.2727	-0.315	0.035	-0.733	-0.825	-0.425
443		-1.075	-0.5605		-0.2855	0.2145	0.4166	-0.4555	-0.6155
444	0.462	0.21	0.175	-0.2323	-0.18	0.11	-0.398	-0.08	0.04
445	0.367	0.145	-0.03		-0.115	0.015	-0.443	-0.115	-0.255
446	2.427	-0.4252	-1.87	0.2325	0.0548	-0.0752		-2.485	0.0748
447	-0.2655	-0.4975	-0.7225	-0.7198	0.0125	0.3925	-0.2455	-0.4675	0.2525
448	-1.07	-0.1616	0.2734	0.9861	0.5984	-0.05164	-0.3196	-0.8216	-0.6916
449	-0.2787	-0.0507	0.6343	0.547	0.6193	0.0193	0.8813	-0.3007	-0.5507
450		-0.09687		0.3509	1.473	0.05313	-1.395	-2.227	-0.9769
451	0.1695	0.4075	1.342	0.1352	0.0175	-0.4725	0.1095	-0.0225	0.1675
452	-0.1823	-0.3543	-0.4293	-0.2166	-0.004297	-0.2743	-2.122	-0.2743	-0.1743
453	-0.258	1.37	-1.625	-1.502	-0.51	-0.76	-1.238	0.5	0.45
454	-1.173			-0.5475	0.0448	-0.6252	0.4468	-0.4252	-0.2852
455	0.0007813	-0.2612	0.5437	0.3065	-0.3512	-0.4713	0.4508	-1.131	-0.4613
456	-0.85	0.178	-0.327	1.326	0.04797	0.408	0	-0.892	1.788
457	0.4152	-0.4769	0.4181	0.4709	0.003125	-0.7169	0.6052	0.5231	0.1631
458	-1.373	-0.615	-0.05	-1.147	-0.315	0.025		1.535	0.265
459	-0.968	-0.03	1.605	0.3977	0.77	-0.15	0.842	0.06	1.67
460	0.9456	-0.2664	0.7286	0.6213	1.244	-0.1164	1.426	0.9336	1.884
461	-0.338	0.57	0.765	0.6477	1.58	0.86	0.03203	0.1	0.04
462	1.007	0.345	1.06	2.003	-0.025	0.375	-0.303	-0.885	0.255
463	0.07422		0.2572	0.09992	-0.7878	-1.148	-0.3358	-0.8778	-0.1478
464	0.09203	0.62	1.995	0.8777	-0.26	-0.17	-0.698	-0.62	-0.28
465	2.337	1.025	1.59	0.06313	-0.2246	0.2654	-0.3826	-0.07461	0.4054
466	0.9759	-0.6161	-0.4611	-1.128	0.2839	0.2139		-0.2361	-0.5961
467	0.972	-0.66	-0.735	0.09773	-0.43	-0.3	-0.04797	0.47	0.14
468	0.5405	0.2185	0.2435	-2.244	-0.1615	0.09852	-0.1995	-0.9715	-0.02148

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
469		0.525	0.62	-0.04727	-1.445	0.015		0.025	-0.155
470	0.2233	-0.5587	-0.3938	-0.191	-0.2487	0.5113	-0.1067	-0.4387	0.01125
471		0.6661		0.003867	0.7661	0.3761		-0.5639	0.2861
472	0.492	1.11	-0.375	-0.05227	-0.02	0.05	-0.348	-0.51	0.21
473	1.762	1.41	-0.455	-0.4723	-0.43	0.01	-0.858	0	-0.79
474	0.9976	0.5955	0.5705	0.2233		-0.4145	-0.6824	-0.8545	-0.8345
475	0.8123	0.5502	0.2152	-0.262	-0.2298	-0.1198	-0.007734		-0.4598
476	1.593	1.091	-0.1438	-0.351	0.6513	1.631	-0.1867	1.181	0.5212
477	0.09684	-1.065	-0.7702	-1.397	0.1748	0.4448	-2.553	-0.9052	-0.4252
478	-0.9928	-0.6448	-0.5498	-0.1571	0.02516	0.6252	0.1972	0.2152	0.1152
479	0.6398	-0.2122	-0.4972	-0.8445	-0.3322	-0.3422	-0.6902	-0.9122	-0.8422
480	0.02562	-0.1264	1.259	0.9813	-0.07641	0.5336	2.346	0.06359	0.6536
481	0.4413	2.269	1.284	1.477	0.1393	0.2993		0.5493	0.6893
482	0.562	-0.24	0.345	-0.5323	0.36	0.12	-0.05797	-0.05	-0.23
483	1.206	0.6041	0.6391	0.3318	-0.2259	-0.2359	0.06609	0.3041	-0.3759
484	0.932	0.35	0.645	-0.7623	0.13	-0.29	0.112	-0.27	-0.26
485	0.372	1.39	-0.155	-0.2623	0.77	-0.01	0.06203	0.73	0.19
486	0.76	0.01797	1.063	0.2357	0.638	0.278	3.32E-11	0.05797	-0.472
487	0.9979	0.1659	-0.2191	-1.156	-0.1541	0.2159		-0.2341	0.2259
488	0.0007813	0.3188	0.6837	0.7865	1.209	0.00875	0.6508	1.189	0.6787
489	-0.05219	0.4958	0.5608	0.6735	1.256	0.3358	0.6378	1.306	0.8058
490	1.032	0.99		0.7577	-0.2	-0.45	0.412	0.32	0.1
491	-1.074	1.034	-0.3211	-0.5284	-0.01609	0.03391	0.7259	-0.07609	0.1539
492	0.7227	1.511	0.8956	0.3384	-0.01937	-0.03937	1.093	-0.1294	0.000625
493	-0.919	-0.2411		-0.02332	0.7689	0.5989	2.551	0.1789	0.07895
494	0.009219	0.2072	0.5122	0.7249	-0.2528	0.3072	-0.09078	-0.9628	-0.8428
495	-0.2329	1.125	0.7701	-0.007148	-0.8649	0.1151	0.007148	-1.235	-1.085
496	0.5598	0.6878	0.1928	0.3955	-0.7522	-0.3022	-0.8402	-0.6422	-0.1522
497	1.092	0.93	0.265	0.5677	-0.38	-0.3	-1.018	0.23	-0.6
498	-0.4094	0.8286	1.184	0.8963	0.5486	0.3386	-0.3394	0.5686	-0.8314
499	0.322	0.55	0.045	-0.1423	0.06	-0.4	-0.06797	-0.84	-0.48
500	0.5083	0.3163	1.271	1.084	-0.1337	0.1963		-1.004	-0.5037
501	0.3852	0.8331	0.5881	0.05086	-0.9669	-1.057	-0.7248	-0.5069	-1.117
502	0.662	0.49	0.365		0.5	0.16	-0.178	-0.91	-0.42
503	0.307	2.275	-0.98	-0.3473	-0.515	-0.205	-1.183	-0.135	-0.135
504	0.9768	0.6848	-0.5202	-0.5675	-0.2052	-0.2452	0.05684	-0.0152	-0.6752

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
505	1.412	1.14	-0.155	0.05773	-0.45	-0.15		0.01	-0.36
506	0.707	0.815	-0.19	0.7127	0.045	-0.115	-0.002969	0.305	-0.095
507	0.2631	0.8311	0.04609	0.8188	-0.09891	-0.2489	0.1131	0.07109	0.5511
508			-0.145		0.27	0.28		0.16	-0.23
509	1.662	1.08	-0.145	0.05773	0.3	0.38	0.412	0.28	-0.3
510		0.92	0.035	0.3377	-0.13	0.8	-0.118	-0.49	-0.01
511	1.092	0.69	-0.225	-1.662	-0.46	0.24		0.51	0
512	-0.853	0.115	-0.1	-0.7573	-0.065	-0.285	-0.703	0.075	-0.155
513	-0.8997	-0.2517	-0.1267	-0.744	-0.2517	-0.1617	-0.7797	0.2783	0.05828
514	1.277	1.115	0.67	0.7127	0.015	-0.365	0.05703	-0.495	1.405
515	1.678	1.556	1.141	1.103	0.1656	-0.3844	0.5077	-0.6544	1.016
516	1.72	1.238	-0.6272	-0.1145	-0.07219	0.7178	0.8698	1.348	
517	2.139		-1.378	0.4051	-0.2427	-0.2627	-0.5106	-0.4527	-0.2527
518	1.438	1.406	-1.589	-0.6366	0.6456	0.09562	-0.2723	0.6856	-0.02438
519	-0.8008	-0.5028	-0.8378	-0.2251	-0.03281	-0.2428	-0.3108	0.5872	-0.2428
520	0.562	0.21	-1.065	-0.5623	-0.13	-6.94E-17	-0.798	-0.4	-0.3
521	-0.3234	1.685	0.4295	0.7323	-0.1455	-0.1155	-0.3734	-0.6455	0.04453
522	-0.785	1.333	-1.032	-0.1993	-0.357	-0.287	0.545	-1.087	-0.417
523	0.5932	0.4911	-0.3539	0.02887	1.081	1.201	1.473	-0.3389	-0.5789
524	0.247	-0.105	-0.35			-0.465	0.08703	-1.045	-1.265
525	0.322	0.22	1.045	-1.272	-0.55	-0.51	-0.338	-0.33	-0.58
526	0.1077	-0.4344	-0.1194	0.02336	-0.6344	-0.2444	0.2477	-0.04437	-0.3244
527		-0.9736	-0.1686	0.2541	0.1164	-0.1436	-0.1616	-0.2636	0.006406
528	-1.142	-0.3637	1.351	0.06398	-0.4237	0.4362	-0.6417	-0.8437	-0.6638
529	-0.238	-0.82	-1.555	-0.2723	1.86	1.67	-0.718	-0.4	-0.59
530	0.8586	2.507	-0.1984	-0.2457	-0.06344	0.9666		-0.2334	-0.6334
531	1.1	0.2578		-0.03445	-0.1322	-0.3522	-0.01016	0.2278	-0.1622
532	-0.708	0.01	0.245	-0.4523	-0.12	1.1	0.192	0.02	-0.7
533	-0.3421	-0.06414	-0.3991	-0.2264	-0.5641	-0.9941	-0.09211	0.3859	-0.1441
534		0.2511	-0.1339	-0.4412	-0.8489	-0.9889		0.1711	0.3611
535	-0.5939	-1.666	-1.331	0.2918	-0.2559	-0.1159	-0.8039	0.4541	1.524
536	-2.166	-2.448	-1.323	0.8201	-0.4776	0.7024	-1.276	-0.0476	1.532
537	-1.495	-0.7669	-0.4819	0.8609	-0.7269	0.4431	-0.9448	0.5331	2.483
538	-0.2766	-0.9287		1.419	0.9113	-0.1387	-0.8166	-0.7887	0.9713
539		-0.3259	-0.4209	0.04188	0.2041	0.3941	-0.9738	-1.966	-0.09586
540	-1.6	-1.702	-0.5967	-0.784	-1.352	-0.5917	-0.5997	-1.332	0.2183

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
541	-1.018	-1.42	1.275	-0.3123	1.03	-0.06	1.272	-0.08	0.02
542	-1.289	-1.281	-0.1656	-0.1929	0.4394	0.04938	1.191	0.2994	0.1194
543		-1.12	0.595	0.5277	0	-0.04	-0.128	1.15	0.59
544	-1.521	-1.213	-1.358	0.5949	0.4972	0.2572	0.4792	0.7872	1.767
545	-1.598	-1.04	-0.425	0.4177	0.43	-0.15	0.382	0.56	0.87
546	-1.978	-2.58	-1.215	-1.282	0	-0.74	0.112	-0.33	-0.26
547	-1.101	-0.4828	-0.3678	-0.1951	-0.1028	-0.4428	0.4892	0.2972	-0.1828
548	-2.058	-1.01	-2.335	-1.522	-0.3898	0.4402	0.8922	0.9002	0.8302
549	-0.9102	-1.012	-0.1272	0.5655	-0.8022	-0.4422	-1.26	-0.2822	-1.102
550	-1.348	-1.36	-1.085	-1.222	-0.37	0.37	0.04203	-0.7	-1.08
551	0.927	-0.395	-0.05	-0.5173	0.005	0.205	0.827	-1.165	0.235
552	0.1592	-1.153	-1.848	-0.8351	0.4872	2.017	-2.451	-0.5728	-1.693
553	2.672	-0.62	0.085	-0.6123	0.08	-0.34	2.302	0.9	-1.02
554	-0.4469	0.5011		0.4688	-0.3789	-0.3989	0.05313	0.7511	-0.5989
555	-2.168	-1.39	0.115	-0.2623	0	-0.59	1.002	-1.22	-1.65
556	-1.383	-1.995	-0.82	-0.1073	-0.245	-0.445	1.087	-0.255	-0.135
557	-1.603	-0.115	-1.34	-0.5573	0.385	0.815	0.07703	0.605	-1.095
558	-0.588	-0.95	0.115	0.2877	0.72	0.36	0.632	0.41	-0.36
559		-0.6479		0.4799	0.1921	0.1021	0.4542	0.5821	1.122
560	0.7027	0.3106		0.9684	0.05063	0.2306	-0.02734	0.2506	-0.02937
561	-0.168	1.21	0.285	0.7077	0.07	0.07	1.612	-0.81	0.3
562	1.212	1.12	0.115	1.008	0.41	0.78		-0.7	0.09
563	-0.1777	0.7903	-0.4747	-1.302	0.4503	0.2503	-0.4177	-0.6897	0.3103
564	-1.166	1.092	-0.5327	-2.56E-11	0.08227	0.01227	3.264	-0.4077	2.052
565		2.159	-0.6356	0.4871	-0.1406	0.3294	0.4814	-0.9306	1.069
566	0.5131	0.8311	1.406	1.519	0.4911	0.5111	1.393	-0.1289	-0.04891
567	0.0007813	2.519	-0.04625	1.646	0.1688	0.8687	0.3508	-1.241	0.2587
568	0.9092	1.617	0.1622	1.265	0.06719	-0.2428	0.4192	0.3972	0.3572
569	0.08359	0.6916	-0.8234	-0.5707	0.7516	0.8316	0.9036	-0.2284	0.1216
570	-0.2348	-0.1469	1.018	0.6809	0.2031	0.08312	0.7952	-0.3169	0.1931
571	-0.1077	-0.5497	0.5853	0.258	0.7003	0.3103	0.3123	0.7903	0.5003
572		0.4861	0.02109		0.05609	-0.1239	-0.4219	-0.2939	0.3061
573	0.2454	0.8634	-0.2416	-0.8689	0.9134	0.6634	-0.4346	-1.117	0.6234
574		0.3879	-0.3471	0.4757	0.5079	0.6079	0.09996	-0.6921	0.7279
575		1.386	1.341	2.474	1.636	3.076	1.498	-1.474	0.7462
576	0.7328	0.8608	-0.1542	1.618	0.4908	0.4608		-0.08924	0.5308

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
577	0.01203	0.21		0.6577	0.2	0.55	0.662	0.2	0
578		1.177	-0.608	0.08469	0.427	0.947	-0.391	-1.063	0.517
579		0.9061	1.971	3.074	-0.1339	-0.2439		-0.6139	-0.9439
580	0.112	0.51	1.845	1.908	0.35	0.64	-0.288	0.24	0
581	-0.4708	0.4672	3.082	3.165	1.727	2.977	-0.1408	-0.7128	0.5472
582		0.7856	-1.019	-0.2166	0.4956	0.5256	0.04766	-0.6344	0.7856
583	0.162	1.01	-0.405	0.6977	0	-0.07	-2.408	-0.18	-0.38
584		0.97	1.265	1.968	0.08	-0.25	-0.738	-0.61	0.29
585	0.6227	0.3206	-0.03438	0.3184	0.1006	-0.3594	0.6427	-0.2394	0.5506
586	0.02516	0.4131	-0.1619	0.1709	0.4331	0.1831	0.4352	-0.9469	0.1631
587	1.232	-0.01	2.415	2.768	0.23	0.55		-0.79	0.31
588	0.4702	-0.001875	0.7731	0.5759	-0.01187	0.01813	1.29	-0.6919	0.02812
589	-0.7947	0.1732	-0.1618	0.261	-0.1268	0.2132	-0.1147	-0.7468	-0.1268
590	0.2177	0.1956	-0.06938	-0.6466	-0.4744	-0.5744		-0.4144	-0.4544
591	0.6878	-0.7842	-1.369	-2.316	-0.1842	0.6158	0.4978	-0.1442	-0.3642
592	-0.8329	-0.1649	-1.16	0.05281	0.2951	-0.03492	-0.4829	1.705	0.2551
593	1.637	-1.865	0.1498	-0.5375	0.2348	0.8448	-3.113	0.4448	0.1648
594	1.272	-0.6698	0.4352	-0.782	-0.2298	-0.2998	0.002266	0.1602	-0.2298
595		0.6894	0.3544	1.107	0.6794	0.1794		-0.4606	-0.2306
596	0.9433	0.3813		0.509	-0.02875	0.01125	-0.2567	-0.2987	-0.3988
597	0.532	0.21	-0.055	0.04773	-0.26	0.19	0.162	-0.37	-0.17
598	0.437	-0.025	0.2	-0.6573	0.075	0.055	-0.343	0.115	0.055
599	0.922	-0.01	0.125	0.4577	0.7	-0.44	1.062	-0.99	0.3
600	-0.278	1.87	-0.105	-0.6923	0.25	0.03		-0.98	0.1
601	-0.8557	0.4123	-0.2227	-5.12E-11	-0.3877	-0.5177	-0.1057	-0.2477	-0.1477
602	-0.9124	-0.3945	0.0005469	-0.3267	-0.2145	0.2355		-0.8745	0.1855
603	-0.783	0.215	0.07	-0.6973	-0.115	-0.065	-0.933	-1.605	-0.605
604	-0.748	-0.26	0.095	0.02773	-0.79	-0.07	-0.608	-0.37	-1.25
605	0.562	-1.85	1.115	-0.6523	-0.21	-1.91	-0.128	0.08	-1.81
606	0.8679	-1.014	2.301	-0.5564	0.08582	-1.584	-0.6021	-0.09418	-2.104
607	2.77	-0.1825	0.5225	-0.004766	-0.7625	-1.332	-1.05	0.4775	-0.8725
608	2.489	0.2767	0.6717	1.024	-0.7733	-1.753	-1.501	0.7967	-1.493
609	2.717	-0.2655	0.4195	1.282	-0.5855	-1.955	-1.483	1.785	-2.135
610	3.058	-1.394	0.3606	1.043	-1.324	-2.394	-2.522	1.116	-2.364
611	2.501	-0.3113	0.5537	1.076	-1.471	-2.201	-1.859	1.259	-2.601
612	-0.4715	-0.5435	-0.3285	0.1842	-0.9535	-0.3135	-1.841	-1.104	-1.104

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
217	-0.9319	-0.6139	-0.6289	-0.3962	-0.01391	0.3861	1.038	0.6961	0.7361
218	0.3608	1.439	-1.446	-0.2135	0.5388	0.5188	0.2908	-0.1212	0.5787
219	-0.05797	0.84	-0.495		0.5	0.37		-0.17	0.26
220	-0.518	-0.84	-0.925	-0.8923	-0:12	0.25	0.162	-0.85	0.31
221	-0.5742	-0.4462	-1.321	-1.309	-0.00625	0.09375	0.01578	-0.3662	0.2537
222	-1.558	-1.04	-1.985	-1.232	0.03	1.39E-17	0.422	-0.5	-0.38
223		-0.4275	-1.413	-1.12	-0.4075	-0.0475		-1.188	0.0325
224	-1.52	-0.05172	-0.1967	0.556	-0.3117	0.09828		-0.3817	-0.1817
225	-0.7439	-0.03594	-0.05094	-1.038	0.1041	0.3641	0.7261	0.2541	0.3541
226	-1.113	0.025	-0.48	0.05273	0.635	1.615	-0.463	-1.035	0.725
227	-0.233	0.575	-1.27	-0.3173	-0.415	0.015	-0.693	-0.525	-0.575
228		-0.13	-0.905	0.007734	-0.24	0.56	-0.278	0	0.22
229	0.02203	0.28	-0.055		-0.11	0.56	0.132	0.59	-0.15
230	-0.2277	-0.5997	-0.04469			0.02031		-0.2297	-0.3597
231	-0.2121	-0.8741	-0.2691	-0.02641	-0.2241	0.08586	-0.5421	0.3659	-0.06414
232	-0.133	-0.525	-1.16	-0.5073	-0.285	0.645		-0.195	-0.125
233	-1.215	-0.3569	-2.362	-0.9691	-0.1069	0.5131		-0.1369	-0.3869
234	-0.768	0.01	-0.415	0.5077	-0.58	0.91	-0.918	-0.01	0.97
235	-0.591	0.417	0.592	0.3847	-0.683	0.707	-0.961	-0.08305	
236			-1.046	-1.633	-0.6506	-0.4006	-0.9386	0.01937	0.06937
237	-0.2623	-0.7844	-0.9694	-0.1666	0.2056	0.5556	-0.6123	-0.04438	-0.3944
238	-0.8102	0.1878	-0.5972	-0.3245	-0.06219	1.068	0.9398	-0.2522	-0.05219
239	-0.6833	0.07469	-0.5103	-0.3376	1.525		0.1867	-1.305	0.1747
240	0.02328	0.6613	-0.06375	0.499	-0.4987	-0.2887	1.023	-0.5087	0.1612
241	-0.1818	0.7362	-0.6688	0.1139	-0.3038	0.05617		-0.3138	0.4562
242	-1.478	-0.09	-0.705	-0.09227	-0.07	-0.03	0.05203	-0.49	-0.16
243	-1.077	-0.08875	-0.5038	-0.161	1.781	1.221	0.8733	-0.3188	-0.02875
244	-0.1874	-0.6795	0.07555	-0.1717		-0.2295	-1.027	-0.6895	-0.05945
245	-0.8705	-0.6325	-1.158	-0.3948	0.8175	0.7275	0.4095	0.3975	0.4775
246	-0.7434	-0.9155	-0.6305	-0.9677	0.4745	0.5445	0.3966	-1.115	0.2245
247	-1.706	-1.058	-0.3132	-0.5105	-0.5582	-0.3782		-0.1682	-0.3382
248	0.5162	-1.876	-0.4609	-2.028	0.1441	-0.2959		-0.1959	-1.406
249	-0.05297	0.645	-1.09		1.785	1.105	0.717	0.805	0.435
250	-0.521	0.317	-1.818	-0.8453	1.987	2.287	0.769	1.007	-1.133
251	-0.5197	-0.01172	-0.6867	-0.924	-0.2517	0.3583	0.3703	0.4383	-0.4217
252	-0.443	-0.145	-1.27	-1.437	0.245	-0.015		0.095	-0.355

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
253	-1.678	-0.59	2.055	1.098	1.06	0.03	-0.818	-0.62	-0.63
254	-0.743	-0.5551	0.8099	1.083	-0.1451	0.09492	1.107	-0.1151	0.2749
255	0.1242	-0.4478	1.497	0.1399	-0.6878	-1.038	-0.6658	-0.6278	-0.1578
256	-1.154	-1.166	-0.4914	-0.6987	-0.1364	-0.6864	-3.824	-0.1964	-0.2564
257	0.1788	-0.2432	0.3618	-0.7755	-0.0732	-1.523	-0.2012	0.8268	0.0468
258	0.7903	-0.07172		-0.644	0.6283	-0.4717	0.3803	-1.042	-0.3317
259	0.03141	0.8294	-1.006	-0.2429	0.7594	-0.03063	1.241	1.739	2.659
260	0.9008	0.9588		-0.8035	0.5088	-0.6912	-0.4192	1.469	2.419
261	-0.2755	0.3925	-0.0125	-0.5598	-0.2075	-0.6975	0.5345	-0.4975	0.1025
262	0.4259	0.6539	-1.351	-1.158	-0.1561	-0.07609	1.386	-0.06609	1.264
263	0.8781	0.02609	-0.07891	-0.1562	-0.5839	-0.4739	-0.001875	0.6461	-0.5839
264	1.627	0.655	-0.45	-0.1873	0.005	-0.125	0.497	0.685	0.275
265	1.37	1.348	-0.6967	-0.774	-0.3017	0.09828	1.05	-0.7017	0.05828
266	1.155	0.5928	0.5478	0.7005	0.2128	0.3028	-0.9652	0.9828	0.1128
267	2.329	-0.1126	-0.3476	-0.9149	0.0174	-0.0726	0.3094	-0.2626	-0.4626
268	1.228	1.096	-0.5189	-0.3362	-0.4239	-0.4239	0.07809	-1.034	-0.5439
269	-1.746	0.7122	2.367	2.21	-0.4978	-0.03781	-0.6058	0.1222	-1.078
270	0.08563	0.1436	2.199	1.451	0.2236	-0.06641	-1.444	-1.156	-0.006406
271	0.3683	1.316	-0.3188	-0.626	0.1363	0.2363	-1.682	-0.4537	-0.4537
272	-0.578	0.57	-0.655	0.7877	0	0.09	0.342	-0.82	0.01
273	0.5179	-0.4341	-0.1991	0.7736	0.1059	0.4659	0.03789	-0.4441	0.1959
274	-0.4388	-0.4009		0.5669	-0.3109	-0.3309	-0.9088	0.1791	0.08914
275		-0.43		1.768	0	-0.39	0.602	0.79	0.33
276	-1.376	-0.8779	0.5471	0.2099	0.6121	0.2121	0.01418	0.7621	0.8321
277	-1.298	-0.72	-1.465	0.06773	0.12	0.72	0.532	-1.02	1
278	-1.529	-0.2406	0.4144	-0.3629	-0.2206	0.3194	-0.5386	-0.5606	-0.4406
279	-0.9702	-0.3222	-0.9172	-0.3345	-0.2522	0.3178	0.4998	0.07781	0.6178
280	-0.488	0.44	-0.565	-0.07227	0	-0.07	-0.568	-0.13	-0.42
281		0.42	-0.715	0.09773	0.79	0.13	0.632	0.01	-0.55
282	0.5798	0.6078	0.2728		-0.02219	0.007813	-0.5102	-0.3522	0.2078
283	-0.4833	0.6047	0.8197	0.5524	0.6347	0.6047	1.537	0.6247	0.5747
284	-0.588	0	0.575	0.7277	0.66	0.15	-0.02797	-0.39	0.74
285	0.9992	0.5672	0.3922	0.6549	-0.1928	0.4472	0.1892	-0.06281	-0.6528
286	-1.945	-0.3275	-0.8425	-0.7398	1.063	1.073	0.3345	-0.4975	-0.2175
287	-1.252	-0.3645	-0.4395	0.003242	1.386	1.206	0.8375	-0.6745	-0.1245
288	0.5714	0.3594	-0.03563	0.1171	-0.6806	0.1194	-0.8586	0.2994	-0.6006

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
289	-0.1042	0.6838	-0.03125	-0.4585	-0.6962	-0.00625	0.1558	-0.1662	-0.4563
290	2.118	2.696	-0.5795	-0.05674	-1.484	0.2055		-4.094	
291	-0.9821	0.4359	-0.1691	0.9436	0.2659	-0.1741	-0.8621	-0.3741	-0.9841
292	-1.458	1.26	-0.065		-0.54	0.11	-0.488	-1.2	-0.73
293	2.091	0.5886	0.3936	0.2663		0.08859	-0.5294	-0.3214	-0.06141
294	1.232	0.83	0.125	-0.08227	1.43	0.75	0.902	1.13	1.01
295		-0.03	0.855	0.02773	0.11	0.51	0.532	0.06	0.29
296	0.1768	0.2448	0.9898	-0.1175	0.004805	0.7348	0.7668	-0.0652	-0.005195
297	-0.3462	0.06172	0.06672	-0.5605	-0.2883	0.3117	-1.496	-0.03828	0.9317
298	0.542	0.42	1.045	0.2777	-0.17	0.57	-0.358	-0.11	0.29
299	2.27	0.3278	1.063	1.056	-0.1522	0.5278	-0.2902	-0.1322	1.718
300	-0.4155	-0.8475	-2.023	-0.7898	-0.5675	0.2625	-1.105	-0.2575	-0.0675
301	-2.218	0.06	-1.965	-1.252	-0.4	0.12	-1.168	0.68	0.16
302	0.304	0.001953	0.537	0.8497	-0.03805	0.992	-1.736	-1.398	-0.828
303		0.2025	0.4375	-0.1898	-0.2975	0.0025	0.9845	-0.6675	-0.2975
304	-0.9221	-0.1742	1.401	0.003555	0.3758	-0.2342	0.2579	-0.7642	-0.4842
305	-1.208	-0.26	1.555	0.1477	0.3	-0.27	0.122	-0.8	-0.52
306	0.08641	0.2544	-0.2806	0.2821	-0.2056	0.1744	-0.2636	0.01437	0.05437
307	-0.888	0.51	-0.125	0.5477	-0.27	-0.01	0.352	0.45	-1.65E-08
308	1.169	0.6573	0.5623	0.1451	0.4073	0.07734	-0.1006	-0.1727	-0.04266
309	0.09953	0.5275	0.0525	0.4752	0.2775	0.0075	0.5895	0.2075	-0.4425
310	0.4267	0.7146	0.7596	0.5624	0.5846	0.4646	0.5967	1.125	0.3046
311	0.3123	1	0.9553	0.438	1.12	0.3703	0.7823	1.39	0.1603
312	0.222	0.7	1.055	0.7277	1.46	0.69	0.442	1.64	0.41
313	-0.003594	0.8844	0.9994	0.7121	1.104	0.2744	0.7064	1.304	0.2344
314	0.4781	1.076		0.1838	1.216	0.6261	0.8081	0.8961	0.1861
315	0.1124	0.9304	0.9754	0.4681	1.16	0.5804	0.5224	0.7804	0.07035
316	1.692	1.63	0.495	0.3077	-0.3	-0.05	0.182	-0.85	0.42
317		0.2925	-0.1925	0.6802	0.4025	0.0825	0.1145	0.4925	0.2425
318	-0.488	0.6	0.535	0.1277	0.67	-0.15	-0.278	-0.37	0.55
319	0.207	-0.085	-0.46	-0.6773	0.025	-0.315	0.427	0.615	0.455
320	0.2794	0.07734	0.6023	0.7451	-0.2927	-1.143	0.8694	1.167	0.5173
321	1.269	0.6972	-0.5478	-0.2851	-0.04281	0.09719	-0.5508	0.01719	-0.2528
322	-0.633	-0.275	-0.8	-1.047	-0.035	0.205	-0.303	0.215	0.505
323	0.7378	0.1758	0.9608	0.5335	-0.2242	-0.02422	-0.4522	-0.3942	0.02578
324	1.472	1.02	-0.015	-0.1723	-0.87	-0.62	-1.108	-1.43	1.34

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
325	1.147	0.885	0	-0.2373	-0.585	-0.655	-1.503	-0.875	1.635
326	0.4706	0.3386	-0.4964	0.05633	-0.01141	-0.3614	-0.7894	-0.7514	1.059
327	-0.4358	0.9322	-0.3728	-0.03008	-0.4478	0.1422	-1.436	-0.3578	-1.008
328	0.9142	1.352	0.6072	0.3399	-0.9678	0.2322		-0.2478	-1.558
329	-0.05797	0.98		0.3277	-0.65	0.36	-1.788	-0.4	-1.03
330	-0.07578	1.592	0.6872	0.4599	-0.6078	0.4022		-0.5178	-1.188
331	-0.538	-0.19	-0.085	-0.7023	0.13	0.34	0.462	0.05	-0.34
332	-0.9455	-1.007		-0.7498	-0.0275	0.1625		0.2925	0.0525
333	-0.873	-0.655	0	0.1127	-0.045	0.385	0.197	-0.085	-0.065
334	-0.898	-0.15	-0.335	0.2077	-0.01	0.5	-0.898	0.53	0.17
335	0.6681	1.026	0.1211	0.1438	-0.6039	-0.3639	0.03812	0.01609	-0.3839
336	0.2673	0.8553	-0.4297	-0.797	0.1553	1.035	-0.3627	0.6653	-0.4847
337	-0.7605	-0.9825	-1.338	-0.07477	-0.0825	-0.0125	-0.5605	0.6675	-0.5425
338	0.3277	1.996	0.8607	-0.2966	-0.4343	0.1157	-0.1523	-0.8443	0.0757
339	-0.958	-0.6	0.695	0.7077	-0.21	0.42	0.132	0.06	0.07
340	-0.568	-0.05	-0.295	-0.1923	-0.11	-9.71E-17	-0.468	-0.04	-0.32
341	-1.093	0.415	-0.29	0.8527	-0.535	-0.355	-0.393	-0.575	0.225
342	-1.817	-0.7586	-0.6036	0.08914	0.05141	-0.1486	-0.3866	0.01141	-0.2986
343	-1.122	0.2155	-0.2695	0.7533	-0.3345	-0.1545	-0.3924	-0.2745	-0.2745
344	-1.438	0.37	-0.175	0.9977	-0.36	-0.04	-0.858	0.23	-0.3
345	-1.131	-0.1628	-0.5678	0.1249	-0.1728	0.1372			0.3772
346	-0.588	-0.76	-0.525	-0.4223	-0.38	-0.56	0.282	0.02	0.08
347	-0.848	-0.55	0.045	-0.2723	-0.8	-0.06	-0.338	0.76	-0.36
348	0.2598	-0.4422	0.4728	0.07555	-0.4322	-0.002188	0.1098	0.3378	0.05781
349	-0.0004687	0.1075	0.7125	-0.1948	-0.0325	-0.1225	-0.4405	-0.1125	0.1075
350	-0.07797	-0.6	0.515	0.1677	-0.56	-0.93	0.162	-0.05	0.11
351	-0.7022	0.04578	1.351	0.1435	-0.6042	0.2958	-0.04219	-0.2242	0.1558
352	-1.754	-0.1965	-0.8115	-0.4888	-0.7065	-0.1065	-0.9545	-0.0965	0.0335
353	-0.118	0.27	-0.605	0.2477	-0.7	-0.16	0.972	-1.3	-0.05
354	-0.09297	0.165	1.29	0.9427	0.285	-0.175		0.595	0.485
355	-0.5955	0.3625	-0.0825	0.2502	0.5225	-0.0275	-0.5855	0.0425	-0.2075
356	0.65	0.608	-0.747	-0.3343	-0.462	-0.292	0	-0.982	-0.372
357	0.6492	0.09719	-0.3278	-0.5451	-0.6128	-0.4528	0.4692	-0.3728	-0.3328
358	1.464	0.9023	-0.5827	-2.74E-11	-0.3577	-0.3177	-0.3657	-0.7777	0.6523
359	1.248	0.5864	-1.069	-0.08586	-0.6036	-0.4036	-0.4216	-0.4336	0.4764
360	0.5559	0.2839	-0.8311	-0.5284	-0.3861	0.3139	-0.7841	-0.6661	-0.4561

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
361	-0.383	-0.045	-1.16	-1.057	-0.295	0.215	-0.943	-0.625	0.375
362	-0.6919	-1.014	-0.9689	-0.3962	0.1161	0.1461	-0.1519	0.1061	0.02609
363	-1.245	-1.017	0.2775	-0.5798	0.1125	0.1525	-0.3355	-0.3375	-0.3275
364	0.2445	-0.0275	0.2475		-0.2675	0.5025		-0.0875	-0.7975
365	0.01203	-0.88	0.555	0.4877	-0.46	-0.51	-0.428	-0.11	-0.34
366	0.3023	-0.4397	0.1953	-0.262	0.1703	-0.01969	0.2123	-0.3997	0.4703
367	-0.198	1.25	0.215		-0.11	-0.07	0.002031	0.2	0.19
368	0.03055	0.9985	1.204	1.716	0.5885	0.7985	1.081	1.039	-0.4815
369	0.972	1.12	-0.055	-0.02227	0.35	-0.05	0.532	0.29	0.22
370	1.954	0.7319	-0.05313	0.4696	0.3619	-0.6681		0.3819	-0.1181
371	-1.028	0.04	-0.445	0.7977	-0.56	-0.35	-0.718	-0.57	-0.88
372	-1.052	0.5059	-0.2691	-0.4363	-0.2841	0.06594	-0.252	-1.244	-0.3741
373	-1.108	0.37	-0.305	-0.002266	-0.03	-0.07	-0.778	-0.91	0.77
374	-1.017	-0.4186	0.1264	0.1391	-0.4786	-0.1986	-0.5566	-0.03859	-0.6486
375	-1.466	0.4122	-0.4928	0.4799	-0.1078	0.2822	-0.3658	-0.5078	-0.5078
376	-0.7236	-0.5556	-0.02063	0.1721	-0.2056	0.2044	0.2364	-0.3356	-0.2256
377	0.702	0.18	0.925	-0.7323	-0.52	-0.31	-0.858		0.63
378	-1.868	-1.19	1.885	1.428	-0.46	-0.9	-1.208	-1.11	-0.74
379	-0.5008	0.1272	0.02219	-0.06508	0.05719	-0.1028	-0.09078	-0.09281	0.05719
380	-0.452	-0.3841	0.08094	-0.1063	-0.5441	-0.4341	-0.682	-0.9541	-0.7941
381		-0.8575	-0.7525	-0.4098		0.0325	-0.2155	-0.3975	-0.1275
382	-1.299	-1.181	-0.6863	-0.9635	-0.1313	-0.03125	-1.459	0.8987	-0.4113
383	0.8613	0.9093	-0.6257	-0.003008	0.4093	0.1893	0.2313	-0.1407	0.1093
384	0.04773	-0.1143	-0.6193	-0.5566	-0.8643	-0.1443	-0.2823	0.1257	-0.2043
385	0.1845	0.2525	-0.6425	-0.2598	-0.6675	0.1425	-0.5555	0.8625	-0.2475
386	-0.518	-0.25	-0.475	0.1077	-0.33	-9.71E-17	0.102	3.19E-09	-0.15
387	0.07078	-0.1512	0.1737	-0.5935	-0.06125	-0.2412	-0.1192	-0.4812	-0.4313
388	0.522	0.28	-0.275	-0.5123	0.11	-0.5	-0.09797	-0.55	
389	-0.5018	-0.1938	0.07117	-0.5661	-0.4138	-0.09383	0.1382	-0.1738	-0.2638
390	-0.4323	0.8357	1.521	0.1134	-0.2143	-0.4343	-0.1423	0.0757	-0.0443
391	0.1852	0.1431	-0.02188	0.03086	-0.5869	0.08312	-2.335	-0.5769	-0.3569
392	0.05922	-0.3228	-0.2378	0.004922		-0.5228	-0.4508	-0.3028	-0.1728
393	-0.4996	0.7684	1.033	-0.2939		-0.1816	-0.3196	-0.9016	0.3384
394	1.379	0.8572	0.3922	0.1349	0.1472	0.1172	-0.04078	0.2772	-0.5728
395	0.3409	0.6389	-0.7761		-0.8811	-0.9511	-1.179	-0.7911	-0.01109
396	0.2984	0.3864		-0.7359	-0.2136	-0.08359	-0.07156	-0.1036	0.8264

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Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
397	-0.6013	-0.1833	1.142	0.4945	0.4767	0.2267	0.3087	0.2767	-0.1633
398	0.172	-0.03	-0.415	0.09773	-0.2	-0.07	-0.738	0.08	-0.41
399	-1.486	-0.2978	0.2172	0.2099	0.4022	0.4722	-0.1758	-0.2078	0.3822
400	-2.018	-0.39	-0.725	0.2377	0.11	-6.94E-17		-0.08	-0.02
401	0.502	0.02	1.225	-1.662	-0.03	-0.94	-0.148	-0.86	0.33
402		-0.9137	1.451	-0.356	0.2263	-0.3737	0.1883	0.4063	0.6563
403	0.642	0.14	-0.185	0.2377	0.23	-9.71E-17	-0.268	-0.08	-0.32
404	1.43	-0.4525	-0.0175	0.5652	0.8675	0.1375	0.6695	-0.5525	-0.4125
405	-0.06547	-0.2675	-0.0625		-0.5475	-0.6175	-0.9755	-0.5875	-0.2075
406	0.3001	0.848	-0.817	-0.1842	-0.722	-0.282	0.04006	-0.582	-0.482
407	-0.588	0.56	-0.005	-0.3123	-0.26	0.96	-0.368	3.78E-09	0.52
408	-1.762	-0.8439	-0.9789	0.02383	-0.01391	0.2861	0.04813	0.7361	1.416
409	-0.438	0.18	0.215	-0.002266	-0.18	-0.12	0.152	0.56	-0.15
410	-0.03672	-0.1087	0.1062	-0.211	-0.07875	-0.02875	-0.3667	-0.01875	0.2712
411	-1.298	-0.77	3.265	2.298	1.72	4.22	-1.598	-2.28	0.69
412	1.875	0.5228	0.1578	-0.2695	-0.2472	0.3628		0.3528	-0.3572
413	2.003	0.5813	-0.2537	-0.0009766	-0.1687	-0.04871	2.503	-1.069	-0.06871
414	0.5525	0.4805	-0.7845	-0.01176	-0.3795	0.06051	-0.3875	-0.5795	-0.2295
415	0.182	0.66	-0.685	-0.9623	-0.47	-1.39E-17	-1.868	-2.96	0.74
416	-0.1646	0.5534	0.1584	0.1111	-0.3866	-0.3966	-0.2546	-0.3766	-0.7766
417	-0.2318	0.6861	-0.6389	0.01387	0.2261	0.1061	0.7082	0.06613	0.06613
418	-0.508	0.38	-0.585	-0.3823	0.52	0.63	0.662	-1.08	-0.9
419	1.158	1.096	0.6112	0.104	0.08625	0.1162	0.7483	-1.344	0.3162
420	0.112	-0.88	-0.625	0.1177	-0.94	-0.32	0.422	-0.58	-0.4
421	0.08203	0.46	0.605	0.6977	-0.98	-0.41	-0.558	0.39	1.07
422	0.4008	0.5488	-0.4063		-0.05125	0.4288	-1.669	1.629	0.3687
423	0.522	0.35	-0.805		-0.63	-0.74	-0.738	-1.16	-0.64
424	-2.478	0.11	2.475	1.498	-0.33	0.08	-1.508	-0.75	-0.66
425		1.1	2.695	1.948	0.23	0.66		-0.78	-1.58
426	2.699		0.3323	1.815	0.1173	1.057	-0.9707	-0.6027	-0.4627
427	-0.2892	2.299	0.1437	0.6765	0.5888	-0.05125	-0.09922	-1.301	-1.231
428	0.4208	0.2487	-0.01625	1.116	-0.6513	0.7287	-2.169	-0.8413	0.2387
429	-0.173	0.055	-0.24	1.143	-1.075	0.535	-1.163	-1.005	-0.105
430	1.655	1.173	-1.073	0.6602	-1.278	0.2525	-1.795	-1.168	-0.6875
431	0.8527	0.6906		0.8984	-1.179	0.1606	-1.577	-0.7594	
432	1.187	1.165	-0.3	0.8827	-1.035	0.185	-1.243	-0.485	-0.215

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
433	-0.7205	0.1175	-0.0875	0.3152	-0.8125	0.6275	-0.4905	-1.733	-1.333
434	1.664	0.4716	0.2166	0.5394	-0.2284	0.2816		-0.3184	-0.1684
435	-0.1323	0.2356	-0.5194	-0.3666	-0.3144	0.2556	-0.4823	-0.8444	-0.3544
436	-0.09203	1.136	0.8309	0.8737	-0.3041	-0.08406		-0.7041	-1.214
437	-0.108	0.68	-0.605	-0.1223	-0.46	0.22	-0.278	-0.5	
438	-0.1001	0.5679	0.7129	0.7556	-0.01215	0.3279	-0.6201	-0.9721	-0.7121
439	0.6443	0.08227	-0.4627	-2.56E-11	-0.1477	0.03227	0.3143	-0.2377	-0.4477
440		-0.61	-0.985	0.3477	0.26	-0.01	0.182	-0.19	-0.69
441	-0.007969	0.68	0.135	-0.2123	-0.83	0.34	0.702	-1.21	-0.46
442	0.287	0.215	0.69	0.2727	-0.315	0.035	-0.733	-0.825	-0.425
443		-1.075	-0.5605		-0.2855	0.2145	0.4166	-0.4555	-0.6155
444	0.462	0.21	0.175	-0.2323	-0.18	0.11	-0.398	-0.08	0.04
445	0.367	0.145	-0.03		-0.115	0.015	-0.443	-0.115	-0.255
446	2.427	-0.4252	-1.87	0.2325	0.0548	-0.0752		-2.485	0.0748
447	-0.2655	-0.4975	-0.7225	-0.7198	0.0125	0.3925	-0.2455	-0.4675	0.2525
448	-1.07	-0.1616	0.2734	0.9861	0.5984	-0.05164	-0.3196	-0.8216	-0.6916
449	-0.2787	-0.0507	0.6343	0.547	0.6193	0.0193	0.8813	-0.3007	-0.5507
450		-0.09687		0.3509	1.473	0.05313	-1.395	-2.227	-0.9769
451	0.1695	0.4075	1.342	0.1352	0.0175	-0.4725	0.1095	-0.0225	0.1675
452	-0.1823	-0.3543	-0.4293	-0.2166	-0.004297	-0.2743	-2.122	-0.2743	-0.1743
453	-0.258	1.37	-1.625	-1.502	-0.51	-0.76	-1.238	0.5	0.45
454	-1.173			-0.5475	0.0448	-0.6252	0.4468	-0.4252	-0.2852
455	0.0007813	-0.2612	0.5437	0.3065	-0.3512	-0.4713	0.4508	-1.131	-0.4613
456	-0.85	0.178	-0.327	1.326	0.04797	0.408	0	-0.892	1.788
457	0.4152	-0.4769	0.4181	0.4709	0.003125	-0.7169	0.6052	0.5231	0.1631
458	-1.373	-0.615	-0.05	-1.147	-0.315	0.025		1.535	0.265
459	-0.968	-0.03	1.605	0.3977	0.77	-0.15	0.842	0.06	1.67
460	0.9456	-0.2664	0.7286	0.6213	1.244	-0.1164	1.426	0.9336	1.884
461	-0.338	0.57	0.765	0.6477	1.58	0.86	0.03203	0.1	0.04
462	1.007	0.345	1.06	2.003	-0.025	0.375	-0.303	-0.885	0.255
463	0.07422		0.2572	0.09992	-0.7878	-1.148	-0.3358	-0.8778	-0.1478
464	0.09203	0.62	1.995	0.8777	-0.26	-0.17	-0.698	-0.62	-0.28
465	2.337	1.025	1.59	0.06313	-0.2246	0.2654	-0.3826	-0.07461	0.4054
466	0.9759	-0.6161	-0.4611	-1.128	0.2839	0.2139		-0.2361	-0.5961
467	0.972	-0.66	-0.735	0.09773	-0.43	-0.3	-0.04797	0.47	0.14
468	0.5405	0.2185	0.2435	-2.244	-0.1615	0.09852	-0.1995	-0.9715	-0.02148

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
469		0.525	0.62	-0.04727	-1.445	0.015		0.025	-0.155
470	0.2233	-0.5587	-0.3938	-0.191	-0.2487	0.5113	-0.1067	-0.4387	0.01125
471		0.6661		0.003867	0.7661	0.3761		-0.5639	0.2861
472	0.492	1.11	-0.375	-0.05227	-0.02	0.05	-0.348	-0.51	0.21
473	1.762	1.41	-0.455	-0.4723	-0.43	0.01	-0.858	0	-0.79
474	0.9976	0.5955	0.5705	0.2233		-0.4145	-0.6824	-0.8545	-0.8345
475	0.8123	0.5502	0.2152	-0.262	-0.2298	-0.1198	-0.007734		-0.4598
476	1.593	1.091	-0.1438	-0.351	0.6513	1.631	-0.1867	1.181	0.5212
477	0.09684	-1.065	-0.7702	-1.397	0.1748	0.4448	-2.553	-0.9052	-0.4252
478	-0.9928	-0.6448	-0.5498	-0.1571	0.02516	0.6252	0.1972	0.2152	0.1152
479	0.6398	-0.2122	-0.4972	-0.8445	-0.3322	-0.3422	-0.6902	-0.9122	-0.8422
480	0.02562	-0.1264	1.259	0.9813	-0.07641	0.5336	2.346	0.06359	0.6536
481	0.4413	2.269	1.284	1.477	0.1393	0.2993		0.5493	0.6893
482	0.562	-0.24	0.345	-0.5323	0.36	0.12	-0.05797	-0.05	-0.23
483	1.206	0.6041	0.6391	0.3318	-0.2259	-0.2359	0.06609	0.3041	-0.3759
484	0.932	0.35	0.645	-0.7623	0.13	-0.29	0.112	-0.27	-0.26
485	0.372	1.39	-0.155	-0.2623	0.77	-0.01	0.06203	0.73	0.19
486	0.76	0.01797	1.063	0.2357	0.638	0.278	3.32E-11	0.05797	-0.472
487	0.9979	0.1659	-0.2191	-1.156	-0.1541	0.2159		-0.2341	0.2259
488	0.0007813	0.3188	0.6837	0.7865	1.209	0.00875	0.6508	1.189	0.6787
489	-0.05219	0.4958	0.5608	0.6735	1.256	0.3358	0.6378	1.306	0.8058
490	1.032	0.99		0.7577	-0.2	-0.45	0.412	0.32	0.1
491	-1.074	1.034	-0.3211	-0.5284	-0.01609	0.03391	0.7259	-0.07609	0.1539
492	0.7227	1.511	0.8956	0.3384	-0.01937	-0.03937	1.093	-0.1294	0.000625
493	-0.919	-0.2411		-0.02332	0.7689	0.5989	2.551	0.1789	0.07895
494	0.009219	0.2072	0.5122	0.7249	-0.2528	0.3072	-0.09078	-0.9628	-0.8428
495	-0.2329	1.125	0.7701	-0.007148	-0.8649	0.1151	0.007148	-1.235	-1.085
496	0.5598	0.6878	0.1928	0.3955	-0.7522	-0.3022	-0.8402	-0.6422	-0.1522
497	1.092	0.93	0.265	0.5677	-0.38	-0.3	-1.018	0.23	-0.6
498	-0.4094	0.8286	1.184	0.8963	0.5486	0.3386	-0.3394	0.5686	-0.8314
499	0.322	0.55	0.045	-0.1423	0.06	-0.4	-0.06797	-0.84	-0.48
500	0.5083	0.3163	1.271	1.084	-0.1337	0.1963		-1.004	-0.5037
501	0.3852	0.8331	0.5881	0.05086	-0.9669	-1.057	-0.7248	-0.5069	-1.117
502	0.662	0.49	0.365		0.5	0.16	-0.178	-0.91	-0.42
503	0.307	2.275	-0.98	-0.3473	-0.515	-0.205	-1.183	-0.135	-0.135
504	0.9768	0.6848	-0.5202	-0.5675	-0.2052	-0.2452	0.05684	-0.0152	-0.6752

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
505	1.412	1.14	-0.155	0.05773	-0.45	-0.15		0.01	-0.36
506	0.707	0.815	-0.19	0.7127	0.045	-0.115	-0.002969	0.305	-0.095
507	0.2631	0.8311	0.04609	0.8188	-0.09891	-0.2489	0.1131	0.07109	0.5511
508			-0.145		0.27	0.28		0.16	-0.23
509	1.662	1.08	-0.145	0.05773	0.3	0.38	0.412	0.28	-0.3
510		0.92	0.035	0.3377	-0.13	0.8	-0.118	-0.49	-0.01
511	1.092	0.69	-0.225	-1.662	-0.46	0.24		0.51	0
512	-0.853	0.115	-0.1	-0.7573	-0.065	-0.285	-0.703	0.075	-0.155
513	-0.8997	-0.2517	-0.1267	-0.744	-0.2517	-0.1617	-0.7797	0.2783	0.05828
514	1.277	1.115	0.67	0.7127	0.015	-0.365	0.05703	-0.495	1.405
515	1.678	1.556	1.141	1.103	0.1656	-0.3844	0.5077	-0.6544	1.016
516	1.72	1.238	-0.6272	-0.1145	-0.07219	0.7178	0.8698	1.348	
517	2.139		-1.378	0.4051	-0.2427	-0.2627	-0.5106	-0.4527	-0.2527
518	1.438	1.406	-1.589	-0.6366	0.6456	0.09562	-0.2723	0.6856	-0.02438
519	-0.8008	-0.5028	-0.8378	-0.2251	-0.03281	-0.2428	-0.3108	0.5872	-0.2428
520	0.562	0.21	-1.065	-0.5623	-0.13	-6.94E-17	-0.798	-0.4	-0.3
521	-0.3234	1.685	0.4295	0.7323	-0.1455	-0.1155	-0.3734	-0.6455	0.04453
522	-0.785	1.333	-1.032	-0.1993	-0.357	-0.287	0.545	-1.087	-0.417
523	0.5932	0.4911	-0.3539	0.02887	1.081	1.201	1.473	-0.3389	-0.5789
524	0.247	-0.105	-0.35			-0.465	0.08703	-1.045	-1.265
525	0.322	0.22	1.045	-1.272	-0.55	-0.51	-0.338	-0.33	-0.58
526	0.1077	-0.4344	-0.1194	0.02336	-0.6344	-0.2444	0.2477	-0.04437	-0.3244
527		-0.9736	-0.1686	0.2541	0.1164	-0.1436	-0.1616	-0.2636	0.006406
528	-1.142	-0.3637	1.351	0.06398	-0.4237	0.4362	-0.6417	-0.8437	-0.6638
529	-0.238	-0.82	-1.555	-0.2723	1.86	1.67	-0.718	-0.4	-0.59
530	0.8586	2.507	-0.1984	-0.2457	-0.06344	0.9666		-0.2334	-0.6334
531	1.1	0.2578		-0.03445	-0.1322	-0.3522	-0.01016	0.2278	-0.1622
532	-0.708	0.01	0.245	-0.4523	-0.12	1.1	0.192	0.02	-0.7
533	-0.3421	-0.06414	-0.3991	-0.2264	-0.5641	-0.9941	-0.09211	0.3859	-0.1441
534		0.2511	-0.1339	-0.4412	-0.8489	-0.9889		0.1711	0.3611
535	-0.5939	-1.666	-1.331	0.2918	-0.2559	-0.1159	-0.8039	0.4541	1.524
536	-2.166	-2.448	-1.323	0.8201	-0.4776	0.7024	-1.276	-0.0476	1.532
537	-1.495	-0.7669	-0.4819	0.8609	-0.7269	0.4431	-0.9448	0.5331	2.483
538	-0.2766	-0.9287		1.419	0.9113	-0.1387	-0.8166	-0.7887	0.9713
539		-0.3259	-0.4209	0.04188	0.2041	0.3941	-0.9738	-1.966	-0.09586
540	-1.6	-1.702	-0.5967	-0.784	-1.352	-0.5917	-0.5997	-1.332	0.2183

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
541	-1.018	-1.42	1.275	-0.3123	1.03	-0.06	1.272	-0.08	0.02
542	-1.289	-1.281	-0.1656	-0.1929	0.4394	0.04938	1.191	0.2994	0.1194
543		-1.12	0.595	0.5277	0	-0.04	-0.128	1.15	0.59
544	-1.521	-1.213	-1.358	0.5949	0.4972	0.2572	0.4792	0.7872	1.767
545	-1.598	-1.04	-0.425	0.4177	0.43	-0.15	0.382	0.56	0.87
546	-1.978	-2.58	-1.215	-1.282	0	-0.74	0.112	-0.33	-0.26
547	-1.101	-0.4828	-0.3678	-0.1951	-0.1028	-0.4428	0.4892	0.2972	-0.1828
548	-2.058	-1.01	-2.335	-1.522	-0.3898	0.4402	0.8922	0.9002	0.8302
549	-0.9102	-1.012	-0.1272	0.5655	-0.8022	-0.4422	-1.26	-0.2822	-1.102
550	-1.348	-1.36	-1.085	-1.222	-0.37	0.37	0.04203	-0.7	-1.08
551	0.927	-0.395	-0.05	-0.5173	0.005	0.205	0.827	-1.165	0.235
552	0.1592	-1.153	-1.848	-0.8351	0.4872	2.017	-2.451	-0.5728	-1.693
553	2.672	-0.62	0.085	-0.6123	0.08	-0.34	2.302	0.9	-1.02
554	-0.4469	0.5011		0.4688	-0.3789	-0.3989	0.05313	0.7511	-0.5989
555	-2.168	-1.39	0.115	-0.2623	0	-0.59	1.002	-1.22	-1.65
556	-1.383	-1.995	-0.82	-0.1073	-0.245	-0.445	1.087	-0.255	-0.135
557	-1.603	-0.115	-1.34	-0.5573	0.385	0.815	0.07703	0.605	-1.095
558	-0.588	-0.95	0.115	0.2877	0.72	0.36	0.632	0.41	-0.36
559		-0.6479		0.4799	0.1921	0.1021	0.4542	0.5821	1.122
560	0.7027	0.3106		0.9684	0.05063	0.2306	-0.02734	0.2506	-0.02937
561	-0.168	1.21	0.285	0.7077	0.07	0.07	1.612	-0.81	0.3
562	1.212	1.12	0.115	1.008	0.41	0.78		-0.7	0.09
563	-0.1777	0.7903	-0.4747	-1.302	0.4503	0.2503	-0.4177	-0.6897	0.3103
564	-1.166	1.092	-0.5327	-2.56E-11	0.08227	0.01227	3.264	-0.4077	2.052
565		2.159	-0.6356	0.4871	-0.1406	0.3294	0.4814	-0.9306	1.069
566	0.5131	0.8311	1.406	1.519	0.4911	0.5111	1.393	-0.1289	-0.04891
567	0.0007813	2.519	-0.04625	1.646	0.1688	0.8687	0.3508	-1.241	0.2587
568	0.9092	1.617	0.1622	1.265	0.06719	-0.2428	0.4192	0.3972	0.3572
569	0.08359	0.6916	-0.8234	-0.5707	0.7516	0.8316	0.9036	-0.2284	0.1216
570	-0.2348	-0.1469	1.018	0.6809	0.2031	0.08312	0.7952	-0.3169	0.1931
571	-0.1077	-0.5497	0.5853	0.258	0.7003	0.3103	0.3123	0.7903	0.5003
572		0.4861	0.02109		0.05609	-0.1239	-0.4219	-0.2939	0.3061
573	0.2454	0.8634	-0.2416	-0.8689	0.9134	0.6634	-0.4346	-1.117	0.6234
574		0.3879	-0.3471	0.4757	0.5079	0.6079	0.09996	-0.6921	0.7279
575		1.386	1.341	2.474	1.636	3.076	1.498	-1.474	0.7462
576	0.7328	0.8608	-0.1542	1.618	0.4908	0.4608		-0.08924	0.5308

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
577	0.01203	0.21		0.6577	0.2	0.55	0.662	0.2	0
578		1.177	-0.608	0.08469	0.427	0.947	-0.391	-1.063	0.517
579		0.9061	1.971	3.074	-0.1339	-0.2439		-0.6139	-0.9439
580	0.112	0.51	1.845	1.908	0.35	0.64	-0.288	0.24	0
581	-0.4708	0.4672	3.082	3.165	1.727	2.977	-0.1408	-0.7128	0.5472
582		0.7856	-1.019	-0.2166	0.4956	0.5256	0.04766	-0.6344	0.7856
583	0.162	1.01	-0.405	0.6977	0	-0.07	-2.408	-0.18	-0.38
584		0.97	1.265	1.968	0.08	-0.25	-0.738	-0.61	0.29
585	0.6227	0.3206	-0.03438	0.3184	0.1006	-0.3594	0.6427	-0.2394	0.5506
586	0.02516	0.4131	-0.1619	0.1709	0.4331	0.1831	0.4352	-0.9469	0.1631
587	1.232	-0.01	2.415	2.768	0.23	0.55		-0.79	0.31
588	0.4702	-0.001875	0.7731	0.5759	-0.01187	0.01813	1.29	-0.6919	0.02812
589	-0.7947	0.1732	-0.1618	0.261	-0.1268	0.2132	-0.1147	-0.7468	-0.1268
590	0.2177	0.1956	-0.06938	-0.6466	-0.4744	-0.5744		-0.4144	-0.4544
591	0.6878	-0.7842	-1.369	-2.316	-0.1842	0.6158	0.4978	-0.1442	-0.3642
592	-0.8329	-0.1649	-1.16	0.05281	0.2951	-0.03492	-0.4829	1.705	0.2551
593	1.637	-1.865	0.1498	-0.5375	0.2348	0.8448	-3.113	0.4448	0.1648
594	1.272	-0.6698	0.4352	-0.782	-0.2298	-0.2998	0.002266	0.1602	-0.2298
595		0.6894	0.3544	1.107	0.6794	0.1794		-0.4606	-0.2306
596	0.9433	0.3813		0.509	-0.02875	0.01125	-0.2567	-0.2987	-0.3988
597	0.532	0.21	-0.055	0.04773	-0.26	0.19	0.162	-0.37	-0.17
598	0.437	-0.025	0.2	-0.6573	0.075	0.055	-0.343	0.115	0.055
599	0.922	-0.01	0.125	0.4577	0.7	-0.44	1.062	-0.99	0.3
600	-0.278	1.87	-0.105	-0.6923	0.25	0.03		-0.98	0.1
601	-0.8557	0.4123	-0.2227	-5.12E-11	-0.3877	-0.5177	-0.1057	-0.2477	-0.1477
602	-0.9124	-0.3945	0.0005469	-0.3267	-0.2145	0.2355		-0.8745	0.1855
603	-0.783	0.215	0.07	-0.6973	-0.115	-0.065	-0.933	-1.605	-0.605
604	-0.748	-0.26	0.095	0.02773	-0.79	-0.07	-0.608	-0.37	-1.25
605	0.562	-1.85	1.115	-0.6523	-0.21	-1.91	-0.128	0.08	-1.81
606	0.8679	-1.014	2.301	-0.5564	0.08582	-1.584	-0.6021	-0.09418	-2.104
607	2.77	-0.1825	0.5225	-0.004766	-0.7625	-1.332	-1.05	0.4775	-0.8725
608	2.489	0.2767	0.6717	1.024	-0.7733	-1.753	-1.501	0.7967	-1.493
609	2.717	-0.2655	0.4195	1.282	-0.5855	-1.955	-1.483	1.785	-2.135
610	3.058	-1.394	0.3606	1.043	-1.324	-2.394	-2.522	1.116	-2.364
611	2.501	-0.3113	0.5537	1.076	-1.471	-2.201	-1.859	1.259	-2.601
612	-0.4715	-0.5435	-0.3285	0.1842	-0.9535	-0.3135	-1.841	-1.104	-1.104

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
613	0.2892	-0.4228	-0.3478	0.2649	-1.433	-0.1128	-1.911	-1.483	-1.223
614	0.2549	-0.5271	-0.7321	0.8106	-1.077	-0.3271	-2.275	-0.2271	-0.8871
615	-0.01687	-0.2589	0.3661	-0.6712	-0.5989	-0.8389	-1.007	-1.019	-0.2189
616	1.902	-0.5696	0.2754	0.3381	-1.33	-1.3	-1.408	0.6104	-1.75
617	0.9314	-1.051	-0.2656	0.1871	-1.241	-1.211	-1.679	0.4494	-1.911
618	0.962	-0.65	0.355	-0.3723	-0.47	-1.12	-0.428	0.17	-1.29
619	1.322	-0.26	-0.515		0.21	1.01	-1.708	-0.52	-0.85
620	-0.4667	0.9213	-0.1738	-0.861	-0.5187	-0.3987	-0.7967	-1.259	-0.3388
621	0.287	-0.735	0	-0.08727	-0.035	-0.035	-0.163	-0.415	-0.705
622	-0.5721	-0.4541	-1.689	0.2536	-0.5041	0.08586	-0.8921	-0.2641	-0.8541
623	-1.406	-1.638	-1.073		-1.218	-0.8978	0.6542	-0.9178	-1.568
624	-0.03922	-0.9013	1.014	0.4065	-0.4513	-0.4713		-0.8713	
625	-0.5721	-0.7942	-0.9592	-0.006445	-0.9942	-0.9442		-1.224	-1.484
626		-0.475	-0.2	-0.2173	-0.315	0.655	-4.683	-2.055	-1.245
627	0.162	-0.33	0.105	-0.8123	-0.36	-0.06	-3.158	-0.84	-0.39
628	-1.488	-1.26	0.045	0.1477	-0.19	-0.35	-1.638	0.39	0.1
629	-0.4305		0.4825	-0.7948	-0.5525	-0.8825	-1.6	-0.5725	0.0375
630	-0.08562	1.022	-0.08266	0.1601	0.2423	0.05234	-0.3756	-0.2777	-0.7877
631	0.3052	0.6131	0.1081	0.7909	-1.287		-0.2348	-1.137	-0.3969
632	0.01828	-0.9037		-0.456	-0.6237	-0.4838	-0.8617	-0.4037	-0.8638
633	-1.298			-0.6222	-0.3399	1.1	-0.1379	-0.09992	0.04008
634	-0.318	-0.04	1.245	-0.02227	0.5	0.34	1.612	0.38	-0.44
635	0.5394	0.2874	-0.2876	0.005117	-0.1026	-0.1126	2.089	-0.7026	0.2274
636		-0.04891	-0.7139	0.3188	0.2411	0.2711	0.8931	-0.03891	-0.4089
637		-0.43	-0.265	-0.08227	0.04		-0.438	-0.6	-0.63
638	-0.06516	-0.2472	-0.9122	0.5405	0.02281	0.1828		-0.7872	-0.6872
639	0.1583	-0.8537	-0.2088	0.964	1.476	2.116	0.3183	-0.08375	-0.6738
640		-1.097	0.1381		0.1731	-0.2369	-2.765	-0.07688	-1.367
641	0.5313	0.1193		0.527	0.3693	0.2093	0.03133	-0.0807	-0.3007
642	0.07203	-1.4	-1.045	0.04773	0.36	-0.12	-0.168	0.17	0.25
643	0.6208	-0.1913	0.04375	-0.1735	-0.8113	-0.7613	-0.6092	0.09875	0.01875
644		-1.221	-0.2756	-2.283	-0.4106	-1.321	-2.799		-0.8706
645	-0.6494	-1.481	-0.1864	-0.5537	-0.2814	-0.3614	-0.6994	0.02859	-1.551
646	0.6808	0.02875	-0.3963	0.04648	-0.1312	-0.4812	0.3808	-0.2212	-0.1313
647	0.8772	0.9952	0.06016		1.395	0.7652	0.8372	-1.535	-0.06484
648	0.632	0.72	-0.525	0.1477	1.16	-0.02	1.112	-0.67	-0.26

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
649	0.592	-0.12	0.085	-0.4323	-0.14	-0.41	0.342	-0.69	-0.71
650		-0.2639	-0.1589	-0.02613	-0.5239	-0.9139	0.7782	-1.144	-0.5639
651	-1.495	-1.487	-1.753	-1.4	0.6525	1.323	-2.365	-1.227	-2.287
652	-3.512	-2.854	-2.749	-1.817	0.3058	1.206	-4.612	-3.784	-3.444
653	-0.05906	-0.7111	0.2439	-0.7834	-0.5211	-0.3911	0.2009	-1.101	-0.6211
654	-1.848	-0.9603	0.05469	-0.1126	-0.4503	0.9497	-1.018	-0.7403	-0.5003
655	0.02203	-0.22	0.475	0.2677	-0.17	0.11	0.252	-1.96	-0.11
656	-1.225	-0.7569	-0.8019	1.521	0.4231	-0.1569	-0.6148	-1.577	-1.097
657	-0.453	0.305	-0.7	0.4827	-0.015	0.235	-0.883	0.015	-0.485
658	-1.817	-0.8387	0.1262		0.9613	0.9112	0.2033	-2.289	-0.03875
659	-0.07437	-0.8764	0.8486	0.8813	0.9236	-0.6764	0.01563	-0.8564	0.5136
660	-1.105	-1.018	1.227	1.4	0.7125	-0.6175	0.9845	-2.148	0.6825
661	-2.515	-1.417	1.238	0.9512	1.203	-0.7466	0.8455	-3.307	0.5834
662	-1.362	-0.7037	-0.2188	0.214	1.816	-0.08375	-0.9717	-0.4738	0.8262
663	-2.253	-2.105	-0.2703	0.9524	-0.03531	-1.065	2.467	0.7647	-0.005313
664	-2.48	-0.6625	-0.4375			-1.222	2.52	1.428	-0.6925
665	-0.2649	-0.227	0.918	1.611	0.523	-0.437	0.1851	-1.167	-0.407
666	-0.578	-0.39	0.895	1.478	0	-0.29	-0.188	-0.28	-0.52
667	-1.528	-0.82	1.605	2.388	0.46	-0.01	-0.148	-1.4	-0.58
668	-0.1805	-0.2225	0.1625	1.065	0.1775	-0.1225	0.2395	-1.442	-0.1825
669	-0.335	-0.6171	0.6979	0.6307	-0.05705	-0.5271	-0.275	-0.3471	-0.3671
670	-0.748	0.36	0.375	2.288	1	-0.21	-0.588	-1.35	-0.08
671	-0.9134	-0.005469	-0.2705	2.282	0.9345	-0.7455	0.4966	-0.7555	-0.5155
672	-0.3257	0.8323	0.4073	2.06	0.8923	0.1123	0.1843	-0.5677	0.02227
673	0.08313	0.6111	0.6461	0.8688	0.1411	-0.6089	-0.3769	-1.079	-0.5989
674	0.932	-0.58	1.385	2.428	1.27	-0.7	-0.09797	-0.58	-0.86
675		-0.06219	0.6928	1.126	-0.2522	-0.2222	-0.4302	-1.482	-0.4722
676	-1.448	0.5	-0.025	0.3577	-1.33	-1.15		-1.69	-0.74
677	-1.344	-0.3262	-0.6613	-0.5885	-1.436	-0.8662	-1.604	-1.036	-0.8862
678	-0.868	-1.22	0.865	0.4777	0.25	-1.09E-08	-1.608	-2.57	-0.94
679	-0.688	-0.3	-0.425	1.268	0.02	-0.16	0.202	-0.38	-0.58
680	-0.993	-0.745	0.14	-0.6373	-0.205	0.105	-0.223	-1.015	-0.515
681	-0.7402	-0.5022	0.9528	1.086	-0.4822	-0.2522		-0.9422	-1.002
682	1.178	0.2761	1.401	0.1638	-0.7239	0.1261	0.4681	0.1661	0.5561
683	0.1443	0.1123	1.727	-3.49E-11	-0.6177	-0.2677	0.1343	-0.007734	-0.5377
684	-0.438	0.71	0.845	-0.3123	-0.94	0.5	-0.408	-0.85	-0.65

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
685	-0.1292	0.4487	1.674	-0.5035	-0.8513	-0.1313	0.7008	-0.2413	0.3087
686	-1.009	-0.02125	0.9537	-1.054	-1.261	0.02875	-0.3392	-1.171	0.4287
687	-0.798	0.14	0.355	-1.412	-0.83	-0.07	0.352	-1.08	0.2
688	-0.03797	0.33	2.015	0.1477	-0.89	-0.29	-0.04797	-0.65	-0.89
689	0.009219	0.007187	1.732	0.4049	-0.9328	-0.3828	0.009219	-0.2928	0.1272
690	-0.1221	-0.1941	1.091	0.1136	-0.6741	-0.6741	0.4679	-0.08414	
691	-1.299	-0.3413	2.514	-1.594	-0.1813	-1.051	-1.569	0.6487	-0.8313
692	0.03234	0.6003	0.8853	0.788	-1.04	0.7403	-1.478	-1.32	0.1003
693	0.0943	0.8123	0.6373	0.09	0.3223	0.8023	-1.746	-2.738	-1.428
694		-0.1241	-0.3091	-0.3263	-0.4841	0.3459	-0.06203	0.2159	-0.07406
695	0.1883	-0.3037	0.09125	-0.146	-0.5937	-0.3338		-0.6237	-0.5038
696	0.0007813	0.2388	-0.3963		-0.08125	0.1087	-0.2192	-0.3313	-1.231
697	1.044	-0.2078	-0.8528	-0.7901	-0.7078	0.6922	-1.286	-0.6378	-1.278
698	2.175	-0.03695	-1.012	-0.5792	-1.457	0.03305	-0.8049	-0.887	-0.547
699	1.432	0	-0.535	-0.3723	-1.32	-0.84	-1.188	-0.06	-1.73
700			-0.4684	-0.3257	-0.4534	0.3966	-0.3214	-0.3034	-0.3034
701	-1.364	0.09359	-0.001406	0.3313	0.06359	0.3436	0.1456	0.07359	0.6936
702		2.261	-1.814	-1.041	-0.4489	0.8011		-1.049	-1.289
703	-0.5167	2.301	-0.9938	-0.181	-0.2687	1.171	-0.9567	-0.7987	-1.049
704	0.707	-0.815	-1.38		0.675	0.415	-0.673	-1.455	-1.505
705	-0.8019	-0.3839	-0.4089	-0.4062	0.2061	-0.5539	0.3381	-2.084	-0.2739
706	-0.4777	-1.18	-1.195		-0.2197	0.08027	0.1523	-1.1	-1.01
707	-0.8057	0.1723	0.5273	-2.79E-11	0.03227	0.1223	-0.8057	-1.048	-0.09773
708	-2.353	-1.215	-2.4	-0.6873	0.215	0.995	-0.503	0.105	-0.075
709	-0.572	-0.2441	-0.1191	-0.02633	0.2259	0.1059	-0.182	-0.6041	0.5159
710	-0.4202	-0.4522	-1.217	-1.004	-0.4222	0.4278	1.82	-0.3722	-0.3322
711	-1.812	-1.654	-1.599	-0.8466	-0.6143	0.4357	-1.482	0.2357	-0.4743
712	-1.942	-2.004	-1.309	-1.286	-0.6438	0.6762	-0.7118	-0.7538	-0.4238
713	-1.892	-1.094	-0.8695		0.02555	0.9955	-1.342	-0.3645	-0.4345
714	-2.32	-1.112	-0.9369	-0.8641	0.01813		-0.9398	-0.8419	-0.4919
715		-0.07	-0.625	0.3277	0.07	0.38	-0.868	-0.84	-0.12
716	-0.3008	0.3271	0.01215	-0.2951	0.2671	0.5671	-1.031	-0.9829	0.3571
717	-0.7042	0.2737	0.04875	0.6215		0.1137	-0.5342	-1.726	-0.6763
718	0.0007813	0.4388	-0.6863	0.2665	0.1488	0.1787	-0.009219	-0.2413	0.1387
719		-1.325	-0.15		-0.685	0.335	-0.963	-0.375	-1.025
720	0.292	0.61		0.4877	-0.42	-0.23	0.392	-1.62	0

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
721	-1.413	1.325	0.96	3.453	-0.535	-0.605	-1.393	-1.265	-0.075
722	-0.7683	-0.6103	-0.5453	0.2774	0.2597	0.05969	0.7917	-0.1503	0.2197
723		-0.54		-0.08227	0.19	-0.12		0.51	0.07
724	-0.3286	-0.6106	-1.266	-0.7429	-0.3306	-0.1706	0.3514	-1.881	
725	-0.368	-0.22	-1.325	-0.8723	0.37	0.7	0.982	-0.7	-0.2
726	-0.6253	-0.3773	-0.2323	-0.3496	-0.5073	0.8627	-0.04531	-0.5773	1.203
727	-0.1705	-0.9325	-0.4875	-0.05477	-0.2525	0.8775		-0.0025	0.7875
728	0.4977	-0.3843	-0.7393	-0.8666	0.1457	0.0457	0.4777	-0.9443	0.0557
729	-0.9752	-0.3872	-0.9322	0.05055	0.3228	0.8328	-1.555	-0.4272	
730		0.06438	-0.8706	0.5421	0.6144	1.194		-1.076	-0.9756
731	0.292	0.41	-1.015	-0.5023	-0.56	0.56	-1.058	-0.51	-0.96
732	0.1262	0.7341	-1.501	-0.6181	-0.3759	0.1041	-1.354	0.04414	0.09414
733	0.892	1.12	-0.265	-1.092	-0.23	-0.18	-1.548	-0.77	-0.72
734	0.8147	0.6527	0.7777	0.7104	-0.9373	-0.5373	4.055	1.023	0.1927
735	-1.293	-1.675	0.2601	-0.8972	0.2151	-0.2849		-1.055	-0.2749
736	-1.338	-0.5903	-0.2453	-0.4726	-1.09		-0.5883	-0.6503	-1.14
737	-0.3588	-1.001	-0.2659	0.09688	-0.3809	0.9691	-0.9988	0.03914	1.499
738	-1.168	0.07	-0.665	-0.1823	0.21	0.54	-0.838	-0.32	0.35
739	0.7177	-0.1444		-0.03664	-0.01437	0.1956	-0.8123	0.05563	-0.1644
740	-0.3623	0.6156	-0.8994	-0.2266	-0.4444	-0.6144	-0.5523	-0.2844	-0.2244
741	-1.51	-0.4119	0.08312	0.4059		-0.001875	-0.2198	-0.5119	0.2481
742	0.262	0.93	0.065	-1.322	-0.2	-0.25	-0.568	-0.13	-0.54
743	0.152	-0.6	-0.065	-0.5123	-0.51	-0.31	-0.508	-0.6	-0.39
744	-1.475	-0.9175	-0.4525	-0.6498	-0.1575	0.5325	-0.4755	0.0225	0.5725
745	-0.2317	-0.4737	-0.5988	-0.406	0.2063	0.3263	-0.2717	0.1463	1.226
746	0.6179		-0.9592	0.03355	-1.184	-1.004	-1.312	0.04582	-0.8042
747	-0.1505	-0.6625	0.7925	0.9752	-0.5825	-0.6925		-0.3825	-0.2025
748	-1.367	-0.8789	1.356	0.8788	0.07109	0.07109	0.5431	-0.3989	0.5311
749	-0.5816	-0.02359	1.011	0.5841	-0.3336	0.3164		-0.3836	-0.05359
750	-1.991	-0.7026	-0.8276	-0.4949	-0.8526	0.2174	-0.9906	-0.0126	0.2974
751		-0.5288	-1.954	0.2389	0.8012	0.3312	-1.827	0.9112	0.8712
752	-0.9805	-0.3525	-0.2975	0.3152	-0.3025	-0.3825	0.3295	0.0675	-0.2925
753	-0.6501	-1.192	-1.177	-1.174	-0.6821	-0.6221	-0.1301	0.7379	-0.7021
754	-0.3313	-0.8733		0.8545	-0.6833	-0.2333	-1.031	-0.02328	-0.05328
755	-0.9313	-0.9133		0.1445	-0.2333	-0.1533	-1.311	-1.413	-0.9633
756	-1.483	-0.915	-0.03	0.07273	-0.305	-0.025	1.387	-0.725	-0.255

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
757	-2.145	-1.207	-0.05211	0.2006	-0.5771	0.1729	1.565	-0.7571	-0.3371
758	-2.012	-0.5944	-0.4194	-1.397	-0.2644	-0.5744	-0.2423	-0.7944	0.9056
759		-1.75	1.045	-1.212	2	-0.85		-1.03	-1.17
760	-1.41	-0.02172	-0.4967	0.106	0.4683	-0.1217	0.05031	0.6983	-0.2317
761	1.28	0.8575	-1.138	-1.405	0.6175	2.637	0.9795	-1.233	-0.1125
762	-0.568	-0.34	-0.075	-0.1823	-0.51	-0.29	-0.007969	0.19	0.2
763	0.2583	-0.9037	-0.5388	0.844	0.3863	0.3963	-0.7717	-0.5737	-0.6538
764	0.5	0.598	-1.307	-0.4743	0.318	-0.02203	0	-0.01203	0.788
765	1.879	-0.3533	-0.5983	0.5245	0.5267	-0.2533	0.3787	0.7467	1.027
766	-0.09078	0.1872	-0.1578	-0.7251	0.1772	0.05719	0.3492	1.047	0.4872
767	0.132	-0.28	-0.715	-0.8023	0.32	0.62	0.862	-0.79	0.26
768	-0.3483	-0.0003125	-1.105	-0.6926	0.2097	0.8397	0.7917	-1.46	0.2997
769	1.052	0.5	-0.205	-0.03227	-0.24	-1.02	0.352	-0.08	-0.15
770	0.3464	0.7844	-0.8806	0.3421	-0.3556	-0.05562	0.1964	-0.2956	-0.3756
771	-2.152	-0.04437	0.2806	0.8034	-0.7244	-0.5044	-0.6523	-1.014	-0.5744
772	0.8277	0.6456	0.6406	0.5034	0.005625	0.06563	0.2177	-0.05437	0.7456
773		-0.505	0	-0.1873	-0.185	-0.205	-0.543	0.055	-0.425
774	1.37	-0.4125	0.1725		0.2575	-0.0525	0.07953		-0.2225
775	0.8095	0.9175	0.5225	0.5852		0.1975	0.3595	0.2975	-0.8225
776	-0.52	-0.302	0.193	-0.2343	-2.142	-1.772	2.62E-11	-0.432	-1.112
777	-1.008	-0.86	0.205	0.2577		-0.11	0.112	0.33	0
778		-1.005	-1.18		0.015	0.185	-0.703	-1.045	-1.055
779	1.129	0.2673	-1.138	0.085	0.4373	0.3673	0.1793	0.3273	-0.3227
780	0.09078	0.3788	1.694	1.176	-0.1812	-0.4213	0.7508	-0.1412	0.8387
781	0.4979	-0.02414	-0.5991	-0.03641	-0.01414	-0.004141	0.7979	1.056	1.136
782	0.0857	-0.6063	0.1887	0.08141	0.3337	-0.09633	0.5157	0.3737	0.3137
783	0.6737	0.5416	-0.6334	-0.01062	0.02164	0.2216	0.6937	0.4716	0.4916
784	0.01881	0.3168	0.5418		0.5768	0.2868	1.039	1.347	1.407
785	1.122	1.57	-0.125	0.2777	0.71	-0.11	-0.007969	-0.38	0
786	0.657	0.515	-0.91	0.4227	0.145	-0.635	-0.933	0.145	0.235
787	1.798	0.6458	1.601	0.8735	0.4458	0.2058	-0.4322	-0.1042	-0.3642
788	1.88	0.07781	-0.3672	0.3255	0.1378	-0.4022	0.4298	-0.4822	-0.1022
789	1.312	-0.24	0.265	0.6177	0	-0.3	-0.238	1.11	-0.65
790	1.812	1.56	-0.255	1.248	0.33	-0.23	0.702	-0.01	-0.01
791		1.642	1.087	0.89	0.5623	-0.1177	0.2143	1.082	0.6023
792	1.229	1.517	0.9523	1.185	0.09734	-0.08266	0.4094	-0.4027	-0.2527

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
793	0.6081	0.7561	1.081	2.014	2.426	1.396	-0.3619	1.336	3.366
794	1.367	0.855	0.42	0.6627	0.775	0.205		0.085	0.575
795	0.742	0.52	0.245	0.3577	0.41	0.24	0.492	0.26	0.53
796	0.9583	-0.2337	-0.7088	0.474	0.2363	0.1462	-0.3817	0.5263	-0.2938
797	0.152	-0.2	0.265	0.1277	-0.13	-0.07	0.792	0.54	0.71
798	0.8448	0.4628	0.7078	0.8105	0.3828	0.4428	1.045	0.2228	0.6928
799	0.8831	0.4611	0.3061	0.4188	0.2211	-0.1289	0.8131	0.03109	0.4311
800	0.6184	1.256		-0.3159	0.2464	-0.1236	-1.112	0.3764	0.5764
801	2.163	0.8813	0.6062	0.759	1.261	0.6613	0.1233	-0.01875	1.601
802	0.6645	1.012	0.4475	0.6602	-0.1875	-0.1275	0.2745	-0.1475	1.072
803	0.512	0.24	-0.035	-0.2323	0.02	0.18	0.312	0	0.22
804	0.939	0.847	-0.668	-0.4053	0.137	-0.08305		0.587	1.047
805	-0.07242	0.6355	-0.2895	0.2033	0.005547	0.2155	1.018	0.09555	0.4655
806	1.942	0.64	0.705	0.6777	0.1	-0.33	-0.968	0.22	1.95
807	0.8098	1.538	0.6228	1.336	0.01781	-0.02219	0.6898	0.3878	2.248
808	0.7177	0.6156	0.5006	0.3734	0.2056	-0.3344	0.8477	0.2956	1.066
809	-0.268	0.33	0.745	1.098	-0.28	-0.29	0.472	1	1.17
810	1.045	0.09281	0.6478	0.6905	-0.1072	-0.3572	0.2648	0.08281	0.8828
811	1.493	0.9311	-0.1839	0.1388	0.08109	-0.3189	0.5531	0.4811	0.6411
812	0.6708	1.039	-0.3663	0.7865	3.459	2.539	3.011	1.659	1.599
813	1.047	0.455	0.93	0.9327	0.395	-0.195	1.497	1.855	0.805
814	0.01813	0.5361	-0.1389	0.2038	0.1961	0.4961	0.7981	0.8361	0.7361
815	0.827	0.635	0.49	0.6427	0.495		0.487	0.855	1.025
816	2.423	0.8606	0.6656	1.448	0.7306	0.4206	1.003	1.101	0.8806
817	0.307	0.865	0.08	0.2127	0.445	0.265	1.567	0.805	1.455
818	0.6652	0.5031	0.3481	0.5509	-0.2069	-0.4569	0.6452	0.8531	0.1431
819	0.5108	0.4187	-0.8563	-0.3235	0.6687	0.1887	-0.05922	0.9787	1.359
820	0.7194	0.8574		0.2551	-0.0826	-0.1126	0.5694	1.227	1.627
821	1.483	2.721	0.9461	0.5988	1.091	0.6111	2.953	1.821	2.251
822	1.552	0.79	0.725	0.3877	0.47	0.35	0.982	1.32	1.4
823	1.627	1.205	0.7899	1.063	-0.02508	-0.2451	0.767	1.665	0.9649
824	1.218	0.9656	-0.1894	0.07336	0.09562	-0.1844	0.5677	1.186	0.5956
825	1.158	1.516	1.021	1.204	0.09645	-0.2236	0.9185	1.076	0.9464
826	1.035	1.473	0.598	0.9508	0.123	-0.557	1.255	0.793	0.473
827	0.6714	1.889	0.4044	-0.08289	0.7994	0.1994	1.951	1.839	1.579
828	0.9882	1.666	-0.1288	0.8539		0.2762	1.278	0.3962	1.636

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
829	2.35	1.368	0.1733	0.236	0.09828	0.3883	0.6703	0.6983	1.408
830	1.505	1.063	0.458	1.291	1.083	0.603		1.583	1.683
831	-0.9596	0.1584	-0.9466	0.2161	0.1784	-0.2716	0.09039	0.5184	1.508
832		0.7745	-0.2705	0.2622	1.184	-0.1355	0.7965	1.654	2.244
833	0.9745	1.543	-0.0225	0.9902	0.4325	0.4025	1.075	0.3725	1.103
834	0.2037	0.1916	1.377	1.369	0.8316	0.1616	0.4637	1.522	0.7816
835	-0.1511	1.497	0.2219	0.4946	0.7369	0.1069	0.2889	1.547	1.377
836	1.426	1.824	-0.001094	0.1616	0.1439	-0.4361	0.6559	1.414	1.264
837	0.8077	0.5957	0.3907	-0.1166	0.3357	0.0757	-0.3623	0.7957	1.016
838	1.212	1.21	0.045	0.4777	0.6	-0.27	0.412	1.02	0.43
839	0.572	0.91	0.845	-0.002266	0.72	0.37	0.122	0.96	1.09
840	1.557	1.215	0.5601	0.4428	0.3751	-0.1349	0.01711	0.8351	0.2851
841	2.327	1.505	0.34	0.7627	0.025	-0.045	0.247	0.345	0.225
842	2.502	1.68	0.675	0.8377	0.54	-0.18	1.122	0.57	-0.07
843	2.346	1.444	0.5993	0.892	0.6343	0.2343	-0.4437	0.3243	0.3543
844	2.642	1.74	0.3553	0.818	0.2303	-0.5597	0.4423	0.0003125	0.2303
845	3.379	2.227	0.3723	0.5051	0.3173	-0.4127	0.5594	0.5473	0.2573
846	1.6	1.978	0.1428	1.036	0.6478	0.1978	0.6298	1.158	1.018
847	1.243	1.311	0.6562	0.739	0.04125	-0.4087	0.7933	1.131	0.4912
848	1.72	1.698	0.4933	0.06602	0.3483	-0.2617	0.9903	1.058	0.9483
849	0.992	2.03	0.015	-0.1323	-0.31	-0.63	0.692	0.49	1.33
850	1.762	1.67	0.645	0.04773	-3.58E-09	0.02	-0.05797	1.18	1.18
851	2.41	1.368	0.7325	1.145	0.5575	0.1875	1.52	1.998	1.688
852	0.392	0.51	0.115	0.7977	0.06	-0.29	0.552	1.11	2.74
853	0.9508	1.029	0.1237	-0.01352	0.7387	-0.4213	1.191	1.739	1.429
854	0.9686	0.7966	0.1116	0.1543	0.5666	-0.3934	1.039	1.657	1.207
855	1.491	1.049	1.124	0.4865	1.039	0.2188	0.3708	1.619	1.839
856	0.9583	1.016	0.5512	0.634	0.1363	-0.2438	1.398	1.216	1.476
857	1.962	1.76	2.615	2.468	0.46	0.02	0.682	1.75	2.41
858	0.692	1.19	0.655	0.7577	0.84	-0.09	1.342	1.99	2.26
859	1.57	1.468	0.6631	0.8559	1.648	0.8681	1.17	1.908	1.848
860	1.097	1.565	0.93	1.673	1.115	0.325	1.777	2.145	2.175
861	1.757	1.465		2.193	0.905	0.505	1.637	2.055	1.935
862	2.828	1.866	1.281	1.393	1.146	0.2256	1.348	2.516	0.9756
863	2.519	1.717	1.352	1.035	0.7872	0.06719	1.059	2.047	1.457
864	1.167	1.305	0.69	0.8527	0.165	-0.595	1.437	1.385	1.195

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
865	0.8131	1.221	0.5461	1.099	0.3811	-0.1189	1.273	2.261	1.501
866	1.36	1.278	0.6128	1.576	0.6778	-0.1322	0.9298	2.468	1.868
867	0.953	0.9109	0.4259	0.6887	0.7709	0.2609	0.983	1.791	1.571
868	1.415	1.513	0.6481	1.281	1.213	0.4331	1.175	1.913	2.083
869	0.7148	0.8128	0.05781		0.8728	-0.1972	0.7148	1.693	1.743
870	1.445	1.543	0.6578	1.241	0.6928	-0.1772	1.295	1.873	1.953
871	1.284	0.9016	0.006641	0.3994	0.3916	-0.1084	1.224	1.152	0.9416
872	1.838	1.626	0.2412	0.194	0.1263	-0.2337	0.9483	1.316	0.9563
873	1.882	2.86	0.195	0.6077	0.91	0.56	0.872	0.9	1.7
874	3.751	2.819	0.6045	1.177	0.8595	0.3595	0.1015	2.139	1.479
875		0.5075	0.5225	0.9352	0.9275	0.4275	2.01	2.408	2.457
876	0.432	0.77	0.315	0.2677	0.56	-6.94E-17	1.552	1.07	1.08
877	0.5203	1.268	-0.2667	0.106	0.7683	0.2683	1.87	1.208	1.348
878	0.282	1.13	-0.275	-0.2723	0.55	0.33	1.772	1.17	1.41
879	1.556	2.514	-0.9813	-0.2485	0.4938	0.09375		2.894	2.574
880	0.2968	-0.0252	0.9298	0.4625	0.3648	0.0748	1.857	1.155	1.355
881	0.7745	0.7125	1.827	1.92	0.6125	0.4225	1.515	1.652	1.462
882		0.6661	0.8511	0.8938	0.3161	-0.07391	0.6181	1.106	1.196
883	1.119	0.7273	0.1823	0.06508	0.1673	-0.06266	1.179	1.167	0.8073
884	0.1402	0.9081	0.04312	0.6959	0.1781	-0.04187	1.38	1.068	0.8681
885	2.084	0.2023	1.567	1.21		-0.4777	0.6843	2.542	2.162
886	0.7331	1.311	0.6561	0.4588	0.03109	-0.3489	0.3931	0.8011	1.871
887	2.395	0.7025	-0.1725	0.2202	0.6825	0.0125	0.4045	1.783	0.8625
888	0.2408	0.4988	0.4537	0.7065	0.3388	-0.1612	0.5208	0.4288	0.4687
889	1.026	0.6536	0.3486	0.8313	0.4436	0.2536	0.5656	0.4736	0.5336
890	0.3062	0.1941	-0.1409	0.5119	0.5641	0.4141	0.3662	0.4341	0.02414
891	3.83	1.648	0.6533	0.916	0.9683	0.1783		1.388	0.9983
892		1.039	0.4939	1.057	-0.1411	-0.6111	0.3909	0.8089	0.4789
893	0.7644	2.212	0.06734	-0.2599		0.1423	-0.1956	0.3023	0.4023
894	0.4045	1.913	0.3475	0.6302	0.1825	0.1125	0.4645	0.8025	0.5625
895	0.7633	1.821	1.036	0.659	0.2213	-0.1287		1.201	0.2413
896	0.2073	-0.1448	0.1002	-0.307	0.1852	0.1152	0.6873	0.05523	1.785
897	2.191	0.9689	0.4839	0.5566	0.3489	-0.09109	0.06094	0.7589	0.3989
898	1.573	0.04109	-0.1039	0.3388	0.6111	-0.1389	0.9131	1.251	0.6411
899	0.502	0.56	-0.375	0.1977	0.35	-0.2	0.652	0.89	1.3
900	1.502	0.94	-0.215	-0.4523	0.56	-0.16	0.542	0.7	0.15

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
901	2.771	1.549	0.1936	0.6063	0.04859	0.008594	0.6006	-0.6814	1.929
902	-0.4469	-0.01891	0.2961	0.2988	-0.2889	-0.1389	1.183	0.8211	1.431
903	0.0007813	0.8088	-0.3163	0.3265	-0.6912	-0.4013	0.5608	0.2187	0.6787
904	0.1114	1.129		0.6971	-0.08063		0.9114	0.3194	0.7694
905	0.572	0.84	0.795	0.1977	0.35	-0.21	1.332	0	0.78
906	0.4677	1.056	0.2106	0.2734	0.005625	-0.4644	1.828	1.896	1.526
907	0.7139	1.582		1.61	0.8019	0.5019	1.734	0.4719	1.362
908	0.3603	0.8683	0.1833	0.656	0.3583	0.2083	0.9003	0.6583	0.3983
909	1.36	1.208			0.008125	-0.06187	0.9202	0.6481	-0.01188
910	0.9283	0.5763	0.2812	0.154	0.08625	0.08625	0.6883	0.8563	1.546
911	2.988	0.3459	0.1509	0.3436	-0.06414	-0.2541	0.3879	-1.094	0.4759
912	5.61	1.598	0.3125	0.7752	0.1075	-0.7525	-0.4005	0.0775	-0.4025
913	1.95	1.608		-0.004766	1.168	0.3875	0.3195	-1.182	1.198
914	-0.398	1.05	-0.205	0.8577	0.27	0.64	1.392	1.5	1.83
915	1.539	1.547	1.682	1.925	0.1572	0.5472	1.229	1.927	1.527
916	1.03	0.7083	0.1033	0.276	1.978	1.288	1.25	0.9183	0.3383
917	0.432	0	0.645	0.6677	-0.12	0.1	0.792	0.44	1.04
918	2.12	1.398	1.643	1.866	0.04781	0.01781	1.33	0.9678	1.768
919	0.6903	0.6683	1.453	1.566	0.07828	-0.2117	0.6203	0.5583	0.2383
920	0.2345	1.422	0.1574	1.22	0.8024	0.4624	0.5645	0.9724	0.6924
921	0.352	-0.07	-1.065	0.06773	1.04	0.42	1.032	2.13	1.26
922	0.2478	0.1658	-0.4192	-0.7765	0.4958	-0.2042	1.248	0.7058	0.7258
923	-0.4408	0.2672	1.132	0.9649	0.1272	-0.5128	0.2092	1.037	1.667
924		0.08594	0.2309	0.6737	0.3559	0.6359	-1.002	0.1859	0.5759
925	0.09422	0.03219	-1.093	0.1799	1.352	0.2422	1.884	0.7522	1.072
926	-1.326	0.1722	0.4472	0.6699	0.1922	-0.4578	0.02422	0.3722	1.302
927	0.5368	1.595	1.34	1.473	2.295	0.4548	-0.2932	1.715	2.475
928	0.05203	0.73	-0.035	0.5677	0.26	0.28	0.582	0.99	0.65
929	0.05203	0.22	0.545		0.8	0.04	1.522	0.5	1.24
930	0.692	0.66	0.055	0.2777	0.11	-0.07	1.032	-0.24	0.65
931	0.03453	0.0525		0.02023	0.2425	-0.3675	0.3945	0.4025	0.7725
932	0.06141	-0.4206	0.03437	-0.8329	-0.3806	0.4694		0.1994	-0.5206
933		-0.3626	1.872	-0.4149	0.1974	0.4174	-0.1906	-0.4626	0.1474
934	-0.628	1.02	-0.575	0.2177	0	-0.24	0.592	0.76	0.24
935	-0.06539	-0.3674		-0.5097	2.073	0.7726	1.275	1.643	2.063
936	1.161	0.7487	0.3737	-0.05352	0.05875	-0.04125	-0.1692	0.3987	0.9587

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
937	1.163	0.7914	0.3964	-0.4909	0.07141	-0.02859	-0.1866	0.7014	1.011
938	0.3636	0.6116		-0.1207	0.09156	-0.5484	0.8536	1.032	0.9916
939	0.137	0.605	-0.05	-0.1973	-0.165	-0.275	1.147	0.655	0.725
940	0.05203	0.07	-0.035	-0.9923	-0.36	-0.67	0.332	1.22	0.38
941	-1.988	-0.37	-0.345	-0.6723	0.13	0.08	0.712	0.96	0.95
942	0.6	0.298	0.203	-0.7143	0.08797	-0.312	0	0.798	1.248
943	0.1982	-0.2039	0.1211	-0.006133	-0.3039	-0.4839	-0.6118	0.06613	1.306
944	1.263	0.4611	0.2361	0.1188	-0.008906	-0.3789	-0.4169	-0.9689	-0.4989
945	1.444	0.8523	0.6773	-5.12E-11	0.2523	-0.2877	-1.056	-0.7777	-0.2177
946	0.622	0.11	-0.235	-0.5823	1.22E-08	-0.43	-0.07797	-0.6	-1.22E-08
947	1.472	1.12			-0.35	-1.37	0.112	0.37	1.7
948	0.597	1.305	1.1	0.06273	-0.485	-0.745	0.617	0.775	1.875
949	0.232	1.4	0.535	-0.3123	0.01	-0.69	0.332	0.14	1.86
950	0.1531	1.631	0.5361	-0.3912	0.03109	-0.5789	0.3131	-0.05891	1.841
951	0.5981	0.07609	-0.2189	-0.9162	-0.09391	-1.144		0.2861	0.8561
952	-1.028	-0.21	-0.535	-0.9023	0.28	-0.51	-0.138	0.26	0.81
953	-0.8936	-0.2256	-0.6506	-0.6879	0.1644	-0.4356	0.8264	0.2044	0.7744
954	-1.173	-0.865	-2.51	-1.317	-0.445	0.035	-0.273	-0.015	0.665
955	-0.07297	0.065	0.66	-1.077	0.425	-1.845	0.407	-0.005	0.515
956	0.412	-0.49	-0.175	-0.08227	0.1	-0.45	0.08203	-0.39	0.52
957	0.8292	0.8672	0.08219	-0.8951	0.1772	0.3472	-0.5608	-0.09281	-1.253
958	0.05813	-0.05391	0.2011	-0.9962	0.3861	0.1861	-0.4719	-0.4539	-0.2339
959	0.2883	0.6163	0.2412	-0.896	-0.01375	-0.2538	-0.8717	-0.2837	0.02625
960	0.898	0.3059	-0.3091	-1.616	0.3159	0.3659	-0.852	-0.09406	-0.07406
961	0.772		-0.215	-1.582	0.49	-1.22	-0.838	0.36	0.11
962	0.1473	0.6053	0.4503	-1.297	-0.09469	-0.2447	-0.3627	-0.5747	-0.2447
963	1.259	0.4967	1.372	-0.3055	-0.1833	-0.4133	-0.1513	-0.8733	0.05672
964	1.655	0.173	0.208	-1.159	0.123	-0.417	-0.105	-0.467	0.02297
965	-0.9767	0.1313	2.046	0.809		-0.1587	-0.9967		-0.1988
966	1.261	-0.01062	0.5844	-0.2129	0.3494	0.4194	0.3114	-0.7506	-0.4106
967	1.422	0.52	-0.055	-0.7123	0.12	-0.02	-0.228	-0.27	0.07
968	1.895		-0.03164	-0.4189	0.1434	-0.08664	-0.1446	0.5434	0.1234
969	0.6077	0.09563	-0.1594	-1.067	0.3456	0.3256	-0.3423	-0.07437	0.3856
970	0.4579	-0.01414	0.1309	-1.476	0.4259	0.3959	-0.4321	-0.1541	0.6859
971	2.306	1.004		-0.7184	0.2139	-0.2761	0.09594	0.2639	-0.1761
972	2.357	0.9349	1.17	-0.007383	-0.1151	-0.4751	0.1869	0.7049	-0.3351

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
973	2.441	1.039	0.374	-0.6332	-0.231	-0.401	-0.01895	0.06902	-0.491
974	-0.05281	-0.6148	-0.6898	-1.207	0.1252	-0.6048	-0.02281	0.1352	-0.1048
975	-0.678	-0.51	-0.865	-1.802	0.54	-0.52	0.392	0.78	0.57
976	-0.833	-0.345	0.26	-1.477	-0.205	-1.055	-0.233	0.285	0.015
977	-0.07922	-0.5912	-0.6863	-1.804	0.2787	-0.5313	1.161	0.2287	0.1687
978	0.4547	-1.237		-3.62	-0.1173	-0.8373	0.2747	-0.3773	-0.6473
979	0.227	0.195	-0.95	-0.7873	0.425	0.205	0.01703	0.115	0.115
980	-0.6511	-0.6131	0.001875	-0.5954	-0.1931	-1.093			-0.1831
981	0.972	0.28	-0.085	0.1677	0.75	0.05	0.542	-0.01	0.84
982	-0.3787	0.6693	0.05426	0.006992	-0.2007	0.3693	0.9813	-2.061	0.3493
983	-0.578	0.42	-0.355	0.2577	0.23	-0.32	-0.308	0.15	-0.01
984	1.358	1.096	0.07094	-0.4963	-0.5141	-0.4841	0.04797	-1.004	-0.4741
985	2.434	2.022	0.3066	1.229	0.01156	-0.3384		-1.238	-0.3784
986	0.04789	0.4459	-0.5191	-0.6264	-0.4541	-0.2541	0.1479	-0.7041	-0.2441
987		-0.2375		-0.9998	-0.3775	0.2025	-0.1055	-0.1675	-0.8075
988	0.337	0.075	-1.26	-0.5873	0.095	0.085	0.187	-0.605	0.035
989	-0.01797	0.76	-0.335	-0.05227	-0.13	-0.13	0.322	0.53	0.31
990	-0.2255	0.1825	-0.7425	-0.5398	-0.3675	-0.2375	1.195	-0.7975	1.052
991	-0.07666	0.5813		0.359	-0.3687	-0.4087	1.023	-0.7887	1.031
992	0.8667	1.045	1.04	0.6024	0.5747	0.3747	-0.8033	-0.6453	0.01469
993	1.333	0.6713	0.1462	0.01898	0.4813	0.03125	0.4433	-0.2987	-0.3688
994	-0.548	0.9	2.065	0.3077	-0.26	0.15	0.252		-0.11
995	2.147	0.075	-0.16		-0.685	-0.505	0.497	-0.415	-0.735
996	-1.075	-0.2975	0.7875		-0.4075	0.2425	-0.2955	-0.5875	0.0525
997	0.62	0.518	0.153	-0.1243	0.01797	0.08797	-0.56	-0.182	0.168
998	0.402	1.45	0.055	-0.4923	0.68	0.2	-0.288	0.03	-0.52
999	0.1277	1.716	0.3006	-1.167	0.03563	-0.004375	-0.2623	-0.3744	-0.2044
1000	0.522	2.67	0.355	0.6177	0.29	-0.02	0.752	-0.12	-0.26
1001	1.047	0.8548	1.27	0.6825	0.6348	-0.0252	0.1468	0.8548	0.5148
1002	-0.4378	-0.009844	1.485	-0.5821	0.1902	-0.5898	0.4722	-0.1698	0.07016
1003	-0.6938	0.3341	1.609	-0.7581	0.6341	-0.7459	1.196	0.5341	0.7441
1004	0.06703	-0.035	1.64	0.05273	0.545	-0.595	1.237	0.945	0.215
1005	-0.5683	0.5097		-0.3926	0.3197	-0.5803	0.5117	0.4897	0.1397
1006	-1.068	0.3	0.675	-0.5023	0.24	-0.71	0.212	0.35	0.41
1007		-0.02		-0.2723	0	-0.92	-1.048	0.18	0.02
1008	-0.03547	-0.5075	0.0875	-1.31	0.3425	-0.7475	-0.2655	-0.0175	0.0625

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1009	-0.2455	-0.8275	0.8075	-0.7598	-0.5175	-0.9275	1.205	-0.4675	-0.5375
1010	0.7345	0.5825	0.8975	-0.1498	-0.1475	-0.8475	0.2345	-0.4675	-0.2875
1011	1.512	0.68	0.055	-0.6123	0.94	-0.4	0.522	0.3	-0.19
1012	-0.007969	-0.45	-0.375	-0.9923	0.06		-0.138	0.28	-0.83
1013	0.7266	-0.09547	-0.4605	-0.6477	0.2145	-0.3155	0.1566	0.1145	0.3245
1014	-0.07781	0.3802	-0.3448	-0.3921	0.4302	0.1802	-0.1278	0.8802	0.5202
1015	-0.6886	0.6394	0.2344	0.7271	0.1794	0.07938	-0.1586	-0.6706	0.7194
1016	0.5696	1.468	-0.5474	-0.2047	0.4876	0.4176		-0.9624	0.3276
1017	1.132	1.4	-0.325	-1.062		0.46		-0.33	0.3
1018	-0.248	0.35	-0.415	0.2277	-0.05	0.03	-0.198	-0.01	0.61
1019	0.1012	0.4592	-0.5858	-1.053	0.6192	0.8392	-0.3688	0.1192	0.8592
1020	-0.458	0.22	-0.825	-0.6523	0.33	0.46	-0.188	-0.48	0.42
1021	0.2261	0.6541	-0.1409	0.7118	0.4141	0.5741	-0.2239	0.5641	0.3741
1022	0.902	1.67	0.275	2.168	0.23	0.62	-0.248	-0.34	0.6
1023	-0.358	1.78		0.8077	0.89	0.04	-1.508	0.2	0.57
1024	1.268	1.286	1.021	0.4135	-0.08422	-0.2542	-0.3522	-0.5742	-0.02422
1025	0.637	1.105	0.18	0.3827	0.265	0.015	-1.023	-0.115	-0.155
1026	1.032	1.54	0.9452	1.228	-0.05984	-0.1298	-0.7578	-0.3898	-0.5298
1027	-0.2136	0.1344	1.499	0.6521	-0.2556	-0.5856	-1.034	-0.7856	-1.126
1028	0.34	-0.142	0.423	-0.2543	0.728	0.168		-0.862	0.09797
1029	-0.848	0	-0.015		0.76	0.12	0.572	1.16	-0.09
1030	0.1749	0.002891	0.6679	-0.1794	-0.3771	-0.6571	-1.105	0.1429	0.1729
1031	1.865	-0.02687	0.5081		-0.5869	-0.6769	-0.2048	-0.1969	0.1831
1032	1.312	1.66	1.475	-0.6223	0.15	0.31	-0.818	0.79	0.25
1033	-0.3046	-0.0566	0.7484	-0.1189	-0.2366	-0.3766	0.2654	-0.4966	
1034	0.3472	0.08516	0.4802	-0.1171	0.1952	-0.01484	-0.3728	-0.4948	0.3852
1035	0.312	0.68	0.465	-0.04227	-0.41	-0.6	-0.148	-0.44	-0.37
1036	1.238	1.686	1.071	0.1838	0.04609	-0.5639	-0.2719	-0.7439	0.1061
1037	1.051	1.599	0.9044	0.2471	0.2294	-0.4606	-0.5686	-0.4706	0.3194
1038	-0.03633	1.052	-0.2234	0.1694	-0.4184	-0.5084	0.3537	-0.5684	-0.3284
1039	-0.208	-0.73		-0.5923	0.08	-0.05	-0.428	-0.13	-0.48
1040	0.01953	0.2475	-0.0175	-0.9448	-0.0425	-0.5125	-0.1605	0.2875	-0.0425
1041		1.535	1.6	-0.4073	-0.005	-0.705	-0.343	-0.385	
1042	0.08953	0.4075	0.4025	0.3352	-0.7325		0.02953	-1.182	
1043	-0.08445	0.3335	0.1285	0.5713	0.1935	-0.09648	-0.4145	-0.1665	-0.2965
1044	-0.03797	0.26	-0.155	-0.4423	0.32	-0.02	0.522	0.11	0.86

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1045	-0.6155	0.2625	0.0675	-0.7498	-0.2275	-0.5775	-0.04547	-0.1975	0.6225
1046	-1.205	-0.877	-1.002	-1.899	-0.537	0.153	-0.6849	-0.006953	-0.117
1047	0.004766	0.2927	0.1577	-1.38	-0.1473	-0.3273	-0.1252	-0.1873	-0.007266
1048	-0.8474	-0.01945	-0.7645	-0.9717	-0.1995	-0.4695	0.3826	0.6505	0.9005
1049	-0.4422	0.1057	-0.8893	-0.9665	-0.3443	-0.1443	-0.3622	0.4957	0.1457
1050	0.4448	0.3227	0.6677	-0.5795	-0.2073	-0.2273	-0.3152	-0.5373	-0.01727
1051		-0.6256	-0.09063		-0.9456	-0.3056	-1.224	0.8644	0.06437
1052	0.8204	0.008359	0.1834		-0.09164	-0.4416		-0.2616	-0.1616
1053	1.897	1.055		0.2427	-0.225	-0.155	-0.213	0.075	0.065
1054	2.259	0.7567	0.6917	0.004414	-0.05332	-0.03332	-0.9113	-0.8133	-0.1433
1055	0.8833	0.8413	0.8262	-0.02102	-0.00875	-0.2087	-0.07672	1.141	0.1912
1056	0.3638	-0.2583	-0.06328	-0.5105	0.3617	0.1817	0.09375	0.5517	0.1017
1057	0.3595	0.1475	-0.2275	-0.7448	-0.3725	-0.5125	1.17	-0.7725	-0.3925
1058	0.08828	0.6863	1.061	-1.066	0.1263	-0.6038	-0.1417	-0.3837	0.2162
1059	0.142	0.08	-0.215	-0.9623	0	-0.16	-0.388	-0.64	0.43
1060	-0.9577	-0.4497	0.06531	-0.652	0.02031	0.06031	0.3323	-0.1797	0.02031
1061	0.6652	-0.01687	0.5181	-0.5891	0.2631	-0.7369	-0.3448	-0.02687	-0.6669
1062	0.6714	0.6194	0.2544	0.08711	0.1694	-0.1306	0.4414	0.5294	-0.000625
1063	0.722	0.85	0.145	0.2377	0.88	-0.45	-0.158	0.2	-0.29
1064	0.447	0.505	0	-1.117	0.965	0.005	-0.223	-0.115	0.635
1065	-0.928	0.55	0.385	-1.062	-0.06	-0.45	0.112	-0.02	0.46
1066	0.02641	0.2144	0.6094	-0.6479	-0.1456	-0.5556	0.06641	-0.02563	0.3544
1067	-0.09586	0.2421	0.1071	-0.1602	-0.3079	-0.4579	-0.09586	0.2021	0.1421
1068	0.6677	0.6156	-0.1094	0.003359	-0.1344	-0.4444	0.1777	-0.3444	0.03562
1069	0.342	0.44	0.305	0.3577	0.06	-0.25	-0.528	-0.76	0.26
1070	0.5514	1.019	0.5144	1.107	0.03937	0.009375	0.1514	0.2394	-0.03063
1071	1.127	0.455		-0.3873	-0.105	-0.225	0.07703	-1.185	-0.125
1072	0.326	-0.07602	-0.281	-0.3283	0.504	0.434	0.06602	-0.06602	-0.236
1073	0.3083	0.3963	0.2312	0.09398	-0.7037	-0.4038	-0.3417	-0.3137	-0.2838
1074	0.02938	0.2673	0.9023	0.1551	-0.1627	-0.5027	1.449	-0.6027	-0.05266
1075	-0.192	0.366	0.131	-0.4763	-0.274	-0.344	-0.02199	-0.614	0.03598
1076	0.3042	0.2122	1.527	-0.7601	-0.2678	-0.7578	0.09422	-0.05781	-0.6678
1077	-0.2542	-0.2862	-1.151	-0.6185	0.2738	0.07375	0.7858	0.1738	0.5237
1078	0.3795	0.4775	1.022		-0.0725	-0.1725	-0.2805	0.0675	0.1575
1079	-0.8311	-0.2131	-0.04809	0.2346	0.3769	0.1269	-0.1511	-0.2731	-0.2031
1080	-0.4569	-1.299	-0.6939	-0.1012	0.2011	-0.3089	-0.7969	0.01109	-0.3989

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1081	0.2499	0.4379	0.9229	-0.3544	-0.1521	-0.1221	-0.3101	-0.5521	0.007852
1082	-1.458	-0.43	-0.475	-0.1923	-0.03	0.06	-0.228	0	0.17
1083	1.225	-0.3172	-0.04219	-0.8295	-0.1172	-0.07719	-0.2952	-0.1072	0.4628
1084	0.3695	0.8075	0.6425	0.4152	-0.6225	-0.4925	0.3295	-1.332	-0.7825
1085	-0.1448	0.6231	-0.6019	-0.08914	0.05313	0.06312	-1.885	0.1931	-0.2069
1086	0.6145	-0.1975	0.9275	0.5702	-0.2475	-0.1675	-0.7855	-0.4975	0.2225
1087	-0.09797	1.02	1.655	-0.7723	-0.23	-0.99	-0.698	0.48	0.1
1088	-0.5402	0.8078	0.1328	-0.5545	0.7078	-0.1722	-1.71	0.2378	-0.002188
1089	2.068	0.3562	1.261	0.03391	-0.6638	-0.9538	-0.1318	0.06617	-1.004
1090	0.642	0.85	-0.185	-0.3923	0.33	-0.13	-0.148	0.19	-0.31
1091	0.522	-0.04	1.425	-0.8123		-0.84	-0.368	-0.4	-0.71
1092	-0.398	0.58	0.965	-1.112	0.11	-0.06	-0.908	-0.61	-1.18
1093	0.4994	-0.03266	0.9223	0.5651	0.4773	-0.2827	-0.2106	-0.03266	0.2273
1094	0.4332		1.636	0.4789	0.4712	-0.5488	-1.127	-0.3888	
1095	0.4777	1.716	1.511	0.1134	0.4856	-0.4544	-0.3723	-0.4644	0.2856
1096	-0.2067	2.011	1.246	-0.421	0.1813	-0.4087	-1.157	-0.3487	0.2412
1097	-0.288	1.08	0.835	-0.3123	0.13	0.17	-3.318	-0.82	0.14
1098	0.7142	1.862	1.427	0.1899	0.2722	0.1422	0.3342	-0.8178	0.3022
1099	0.6954	1.393	1.588	0.6111	0.1634	-0.5866	-0.2246	-0.4866	0.3234
1100	0.527	1.595	0.94			-0.245	-0.703	-1.035	-0.395
1101	0.617	1.265	0.37	-0.1073	-0.025	0.155	0.667	0.175	-0.475
1102	2.899	1.307	0.5322	-0.2151		-0.2728	-0.08078	0.03719	0.5472
1103	2.442	1.1	0.675	-0.5523	1.38	0.72	0.05203	1.01	-0.03
1104	-0.9283	-1.61	-0.2254	-1.343	-0.4704	-0.8004		-0.5704	-0.6404
1105	0.4245	0.7924	-1.403	-1.27	0.7624	-0.1076	0.3545	0.1424	0.4224
1106	-0.1985	-0.3905	0.2145	0.1872	0.5295	0.7395	0.2615	0.2295	0.7295
1107	-0.303	0.185	-1.09	-0.1873	-0.005	1.015	0.357	-0.225	-0.165
1108	-0.5798	0.1281	0.3231	-0.5341	-0.4119	0.9281		-0.6019	-0.05187
1109	0.152	0.12	-0.775	0.4277	-0.09	0.17	0.542	-0.06	0.03
1110	-0.358	-0.12		-0.3223	0.16	0.06	1.052	1.22	0.67
1111	0.1081	0.2461	-0.7789	-0.3362	-0.09391	0.1861	1.468	0.7461	0.7961
1112	0.2742	1.172	-0.1628	0.6599	-0.01781	0.2622	0.3942	0.4522	-0.3478
1113	0.3795	0.5475	-0.5875	-0.2648	0.1975	0.2775	-0.1105	0.9575	0.4375
1114	0.1226	0.4505	-0.6645	0.1083	0.02055	0.2005		0.6405	0.5605
1115	1.013	-0.3095	-1.154	-0.7117	-0.3795	-0.1895	-1.227	-0.2595	0.2405
1116	0.71	0.678	0.09297	0.2657	0.01797	-0.122	5.82E-12	1.238	1.108

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1117	-0.1918	0.2961	-1.139	-0.006133	0.6561	0.7761	0.5482	0.4761	0.6761
1118	0.2848	-0.3372	-1.472	-0.9695	0.02281	0.2828	-0.5552	-0.2872	0.02281
1119		-0.9675	-1.253	-0.4798	-0.0575	0.0525	0.05453	-0.0375	0.6725
1120	-0.598	0.12	-0.965	-0.7623	0.07	0.32		-0.31	0.07
1121	-0.7151	-1.447	-1.082	-0.8794	0.3729	0.1929	-0.2251	0.3329	0.04289
1122	-1.323	-1.275	-1.25	-1.957	-0.035	0.125		0.055	0.025
1123	-1.089	-1.041	-2.166	-2.214	-1.091	0.4786		-0.2814	0.2386
1124	-1.316	-0.8277	-2.203	-1.35	0.1323	0.3023	-0.5456	-0.6377	0.4623
1125		0.9203	-0.7847	-0.372	1.06	0.8803		0.5103	0.3703
1126	-1.402	-0.5541	-1.019	-0.7763	0.9059	0.1959	0.378	0.1559	0.05594
1127	-1.477	-0.1891	-0.7041	-0.4914	-0.4291	-0.1991	0.7529	0.1509	0.1309
1128	-2.069	-1.111	-1.306	-1.024	0.3587	0.3787	0.06078	0.02875	0.7187
1129	-0.3319	-0.1439	-0.9389	0.1438	0.4261	0.1061	0.4981	0.5161	0.2861
1130		-0.335	0.2	1.293	-0.655	-0.035	-0.543	0.215	0.505
1131	0.4677	-0.7644		-0.5366	-0.03437	-0.2944	-0.5923	0.3156	0.08562
1132	-0.418	0.76	-1.065	0.6377	0.25	-6.94E-17	-0.007969	1.16	1.16
1133	-0.3681	0.4399	-0.5851	-0.002383	0.01988	-0.02012	0.3219	0.5199	1.35
1134	-0.4273	0.5106	-0.9244	0.3384	0.1806	0.000625	0.4527	0.4506	1.451
1135	-0.4387	-0.8107	-1.756	-1.343	-0.3307	0.2293	0.2613	-0.5007	0.6293
1136	-0.7658	-0.1478	-0.6128	-0.1501	-0.09781	-0.04781	-0.2658	0.1722	0.5722
1137	-0.298	-0.13	-1.205	-0.6723	0.12	-0.18	0.132	0.5	0.34
1138	-1.309	-0.08141	-1.286	-0.3037	-0.03141	0.5286	0.4206	0.3786	1.299
1139	-0.8558	-0.8078	-1.703	-1.27	0.2222	0.3622	-1.226	0.3822	0.5922
1140	-1.343	-0.2053	-0.9603	-0.2676	-0.03531	-0.07531	0.5267	1.195	1.015
1141	-0.3906	-0.05266	-0.6677	-0.4249	0.2973	0.3173	0.4594	0.5473	0.8673
1142	-0.5655	-0.1975	-0.9925	-0.4398	-0.0175	0.0825	0.6045	0.6425	1.582
1143	-0.8955	-0.5575	-1.463	-1.8	-0.0275	0.1425	-0.5055	0.2325	0.1025
1144	-0.503	-0.265	-1.53	-0.3973	-0.155	0.215	0.657	0.395	0.415
1145	-0.708	0.53	-0.105	0.6077	0	0.07	-0.01797	0.85	0.71
1146	-1.158	0.1003	-0.5247		-0.02969	0.1103	0.9323	0.8803	0.2303
1147	-0.06797	-0.26	-0.765	-0.01227	0.4	0.69	1.202	1.44	0.1
1148	-0.683	-0.045	-0.33	0.03273	0.145	0.075	0.437	0.745	0.995
1149	0.142	-0.27	-0.565	-0.3623	-0.28	0.25	0.832	0.35	1.51
1150	-0.2928	-0.2848	-1.59	0.2529	-0.01484	0.3752	0.6372	0.4252	0.005156
1151	-0.478	0.11	-0.735	-0.7823	0.76	0.83	0.262	1.05	0.04
1152	-1.239	0.7694	-1.026	-0.4329	0.8994	0.9394	1.601	1.069	0.6294

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1153	-1.185	-0.7069	-0.4619	0.2709	1.043	0.4431	2.165	2.923	1.103
1154	-0.3014	-0.003437	-1.048	-0.5857	0.006562	0.4566	0.9686	0.01656	0.7466
1155	0.1983	0.4163	-1.309	0.124	1.106	0.5062	-0.6117	-0.04375	0.8162
1156	-0.923	0.145	-0.98	-0.2673	0.105		0.177	-0.235	0.195
1157	-0.833	-0.005	-0.69	0.06273	0.235	0.075		0.005	0.585
1158	-0.3567	0.3713	-0.1438	-0.05102	0.5413	-0.1387	0.6933	0.7413	0.8012
1159		0.16	-2.565	-1.152	-0.31	-0.05	0.622	-0.67	-0.05
1160		0	-0.745		0.35	0.03	0.952	0.12	2.2
1161	-0.2992	-0.5713	-0.7163	0.4365	0.6987	0.3787	-0.4492	0.1287	1.199
1162	-0.3617	0.4763	-1.109	-0.776	-0.2437	-0.7138	0.5383	-0.2237	-0.6538
1163	-1.108	-0.88	-0.625	-1.482	-0.56	-0.26	-0.748	0	0.27
1164	-1.557	-0.2889	-0.9839	-1.541	0.1311	-0.2689	-0.6469	0.3811	0.1911
1165		-0.9398	-0.8348	-0.832	-0.4198	-1.19	-0.2677	0.2602	-0.1198
1166	-0.6417	-0.08375	-0.9688	-1.306	-0.09375	0.2762	-0.1517	-1.094	0.4862
1167	-0.848	-0.92	-1.515	-0.6823	0.39	0.22	-0.998	-0.24	0.6
1168	-1.189	-1.201	-2.076	-1.484	0.1788	0.08875	-0.8392	-0.2712	0.5987
1169		-0.4525	-1.098	-0.2048		0.5975	-0.3105	-0.2625	-0.0625
1170	0.192	-0.13	-1.715	-0.07227	-0.06	0.3	0.702	1.35	0.2
1171	-0.588	0.76	1.095	0.9377	-0.05	0.16	-0.08797	1.55E-08	1.74
1172	-1.259	-0.9407	-0.8657	-1.243	-0.4207	0.1693	0.8013	2.609	-0.2507
1173	-0.553	-0.355	0	-0.8773	-0.235	0.005	0.197	0.295	-0.535
1174	-0.588	0.39	-0.025	-0.1523	1.38	0.47	0.282	0	-0.15
1175		-1.647		-0.7294	0.07285	-0.2071	-0.3051	-0.8271	-0.8371
1176	0.4552	0.1131	-0.4319	0.3409	0.2331	-0.4669	0.4652	-0.9369	0.04312
1177	0.3842	-0.4778		-0.8301	0.8322	0.5222	2.194	-0.2578	-1.598
1178	-0.1159	0.3021	-0.4029	-0.4002	-0.4679	-0.2879		-0.1479	0.8021
1179	-0.4158	-0.2978	-0.02281	0.5199	-0.5478	-0.2778		0.4022	-0.4578
1180	0.9863	0.2842	-0.4008	-1.208	-0.05578	-0.2358	0.4963	0.8742	0.3742
1181	-0.1186	-1.211	-0.2556	-1.433	0.2494	0.03938	0.3314	0.4394	0.06937
1182	-2.061	-1.013	-0.7683	-0.6155	0.1567	-0.01328	-1.731	0.5367	-0.3433
1183	-0.9408	-0.9928	-0.5778	-0.7851	0.4472	0.5372	-0.4408	-0.5428	-1.243
1184	1.082	0.54	0.635	0.3077	-0.35			-0.3	-1.05
1185	1.815	0.5931	0.5981	0.2709	1.013	0.9831	0.6552	0.1631	-0.3869
1186	2.355	-0.1075	0.0275	-0.4898	1.282	1.102	-1.115	0.3825	1.122
1187	2.642	0.1	0.045	-0.4723	1.23	0.92	-0.888	0	0.96
1188	-0.468	0	-0.225	-0.8923	0.38	0.57	2.182	0.08	-1.28

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1189	0.7148	-0.4472	1.368	0.2005	1.053	-1.687	1.845	1.313	0.2228
1190	0.7494	0.1873	-0.3177	0.2751	0.3973	0.06734	-0.03062	0.6873	-0.3127
1191	0.3077	0.01563	0.2306	-0.1566	1.256	1.286	0.6577	1.036	-0.3044
1192	0.413	0.7709	-0.5741	-1.041		1.061	0.253	0.7809	0.2109
1193	0.1859	-0.3761	0.1089	-0.4284	0.4639	0.6639	0.3659	0.6239	0.1539
1194	1.472	0	0.495		1.03	0.69	0.232	0.79	-0.21
1195	-0.003594	-0.7056	-0.09063	-0.6779	0.2244	0.3744	0.03641	0.4444	0.4244
1196	-0.602	-0.7241	0.1709	-0.3763	0.7859	0.5859	-0.362	0.5159	0.08594
1197	0.787	-0.095	0.32	0.1027	0.435	0.335	-2.183	-0.345	-0.775
1198	1.73	0.7378		0.5155	0.3578	-0.07219	0.8098	0.5478	-0.6822
1199	1.222	0.75	0.885	-0.03227	0.28	-0.43	0.522	-0.07	-1.17
1200	-0.7838	-0.1759		-0.9881	0.5541	-0.005859	0.4562	0.8541	0.1341
1201	-0.07297	-0.015	1.05	-0.1973	0.725	-0.105	0.537	1.115	-0.145
1202	-0.02211	0.07586	0.2609	-0.6664	0.3959	-0.1941	0.3879	0.2059	0.02586
1203	-0.138	-0.39	0.855	-0.01227	1.11	1.17	1.872	0.58	0.59
1204	-0.04047	-0.3225	-0.3275	-0.8548	1.088	-0.4525	0.9695	0.7175	-0.1625
1205	-0.02883	-0.4309	-0.4059	-0.8231	1.159	0.7191	1.551	0.8891	0.3691
1206	-0.4697	-0.1217	-0.08672	0.206	0.2083	0.3983	0.5303	0.8783	0.3583
1207	0.1118	0.1298	0.4148	0.1275	0.3198	-0.5802	0.1918	-0.5602	-0.7102
1208	0.322	0.19	0.635	-0.4223	1.35	0.12	1.572	0.39	-0.44
1209	0.177	-0.245	0	0.2327	2.115	0.605	2.287	0.965	0.145
1210	0.03031	0.02828	-0.1567	-0.184	1.468	0.3783	-0.07969	0.4483	0.1383
1211	-0.04754	-0.09957	1.055	-0.05184	0.9904	0.4504	1.432	0.5204	-0.1196
1212	0.06719	-0.1248	0.7902	0.09289	0.7752	0.1952	1.567	0.9252	-0.1048
1213	0.4977	0.03563	1.171	-0.4766	1.156	0.1856		0.1856	-0.6544
1214	-0.188	1.09	-0.135	-0.1723	0.84	-0.05	0.592	0.66	0.14
1215	-0.258	1.53	-1.255	-0.1023	0.78	0.17	0.552	0.83	0.35
1216	-0.2669	1.261	-0.7139	-0.3312	0.5311	0.3611	0.5231	0.6011	0.1511
1217	0.1032	1.271	-0.5039	-0.001133	0.6511	0.001133	0.5332	0.5111	0.001133
1218	1.845	1.982	0.4975	0.1202	1.012	0.1025	0.7145	0.6025	0.0625
1219	1.095	0.2534	1.248	0.2111	1.653	1.153		0.7234	-0.4166
1220	-0.6128	-0.3448	-0.6298	-0.2771	0.07516	-0.9848	0.7272	0.6452	0.01516
1221	1.538	1.146	0.05062	-0.1966	0.5856	-0.4644		-0.1044	0.1256
1222	0.8723	0.4003	0.5153	-0.03195	0.4703	0.03031	0.1923	0.5403	0.2003
1223	2.552	1.15	1.095		0.53	0.2	-0.368	0.16	-0.94
1224	0.0143	0.4923	-0.02273	-5.55E-17	1.222	0.3223	1.524	1.092	-0.3577

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1225	0.4777	-0.07437	0.2106	-0.6066	0.1556	-0.6044	-0.05234	0.2756	-1.144
1226	1.278	2.216	1.451	-0.07633		-0.7541	-0.552	0.05594	0.2059
1227	3.804	1.202	0.3774	-1.08	1.682	0.8124	-0.7956	0.2924	-0.3976
1228	0.292	0.4	0.875	-0.6523	-0.34	-0.95	0.04203	1.42	0.61
1229		0.1484	-0.6066	-1.774		-0.4116	-0.2296	-0.1316	0.05836
1230	0.2703	0.9883	-0.01672	0.006016	0.6783	0.4483	1.61	0.7583	-0.2817
1231	-0.06109	1.117	-0.2181	-0.2654	0.8469	0.4569	1.479	0.2769	-0.2431
1232	-0.1887	0.5693	-0.1457	-0.02297	0.9193	0.5793	1.661	0.3093	-0.0907
1233	0.492	-0.38	0.365	-0.7523	-0.19	-0.78	-0.548	0.17	-0.81
1234	1.322	0.43	1.685	-0.1023	-0.88	-0.97		2.16	0.5
1235	0.4235	0.02148	1.056	-0.1908	-0.5685	0.5015	-1.076	0.6615	0.8815
1236	-0.3866	0.1314	0.2264	0.1691	0.1114	-0.1286	-0.04656	-0.02859	-0.07859
1237	-1.458	0	-0.625	0.3077	-0.08	-1.17	-0.648	1.32	0.26
1238	0.712	1.95	1.135	0.6877	-0.65	1.75		-0.41	0.01
1239	-0.6064	0.9116	0.3766	0.5793	-0.4184	-0.1784	0.5936	0.9116	0.05156
1240	-0.2778	0.8302	0.06516	0.4079	-0.07984		1.292	1.72	2.34
1241	-0.248	1.94	-0.285	-0.6023	0.52	-0.11	0.002031	-0.07	-0.14
1242	0.3145	0.7225	-0.6425	-0.1898	0.4525	0.4925	-0.5455	1.322	0.6025
1243	1.983	0.2908	0.7658	0.3085	-0.02922	0.4208	0.4428	-0.6092	-0.2192
1244	1.795	0.2331	-0.07188	0.8809	-0.1569	0.3331		-2.147	-0.2269
1245	1.165	0.7327	1.718	1.08	2.513	1.673	-0.6252	-1.237	0.8227
1246	0.172	-0.53	2.095	2.198	-0.35	-0.69	0.03203	0.72	-0.4
1247	3.242	-0.95	1.975	0.4477	0.1	0.23	1.262	0.09	-0.11
1248	-0.448	1.45	1.145		-0.06	1.4	-1.278	0	0.88
1249	1.322	0.28	0.645	0.4677	-0.13	0.39	-0.007969	-0.1	-0.12
1250	1.46	0.428	2.113	0.7457	-0.642	-0.782	0	-0.842	1.338
1251	0.7853	-0.1368	0.1582	0.691	-0.3268	-0.3368	0.2653	-0.7468	-0.02676
1252	0.442	0.19	0.825	1.078	-0.67	0.26	-0.168	-0.85	0.46
1253	2.167	-0.425	1.89	1.333	0.085	0.325	0.917	0.345	1.395
1254	1.712	3.4	0.085	0.7677	-0.28	-0.04	0.302	-0.62	0
1255	2.417	4.475	-1.17	-1.017	-0.3451	0.1949	-0.6131	-0.8951	0.0349
1256	1.652	1.17	0.925		0.04	-0.04	0.332	0.7	0.03
1257	2.042	2.29	0.035	-0.05227	0.38	-0.19	0.822	-0.41	-0.75
1258	2.375	0.9231	-0.02188		0.01313	0.1031	-0.2348	-0.1469	-0.5269
1259		2.317	0.07172		-0.5133	-0.2133			-0.5033
1260	1.657	0.1048	-0.6902	0.4725	0.4948	0.6448	-1.033	0.1848	-0.0252

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1261	0.777	0.275	-0.14	-0.6073	3.715	0.645	0.03703	-0.665	0.865
1262	3.57	2.268	0.123	0.6857	3.568	3.078		-0.192	0.528
1263	0.832	1.58	0.455		-0.53	-0.75	0.732	-0.51	-0.68
1264	-1.12	0.1975	0.0825	-0.3448	0.2975		0.4295	-0.0425	1.037
1265	0.4369	1.295	-0.2402	-0.1374	0.2448	-0.1852	0.8369	0.5248	0.3648
1266	0.03641	0.9944	-0.2206	-0.1179	-0.3356	0.3544	1.276	-0.2056	0.3544
1267		0.7644	0.04937	0.04211	0.5444	0.7344	0.2664	-0.3656	0.5644
1268	1.728	0.4956	-0.3994	-0.4466	-0.2744			-0.5244	-0.2244
1269	1.131	0.3791	-0.2059	0.7469	-0.1209	0.8591	2.581	0.06914	-0.2609
1270	-0.3387	0.7993	0.2243	0.797	0.0293	-0.1007		0.4793	0.3193
1271	-0.538	-1.3	-0.385	-0.1923	-0.28	0.23	0.702	0.4	-0.26
1272	1.482	0.31	1.605	2.078	3.89	3.53	0.06203	-2.25	2.44
1273	0.07766	0.8456	-0.1594	0.01336	-0.1244	-0.1244	0.6377	-0.3544	-0.4544
1274	0.0007813	0.9588	-0.6663	-0.8535	0.07875	0.2487	-0.1692	-0.8313	-0.03125
1275	0.9545	1.113	-0.6625	-0.2498	-0.5075	-0.1675	-0.5855	0.0125	-0.6375
1276	-0.08922	1.519	1.404	0.9365	0.02875	0.08875	-0.3592	-0.4812	-0.5513
1277	0.544	1.592	1.077	2.33	3.302	1.632	-0.176	3.432	0.402
1278	1.102	1.75	1.655	2.768	3.36	1.6		2.99	-0.05
1279	1.638	-0.2344	2.241	1.343	1.556	1.526	-1.502	1.246	-1.084
1280	1.3	0.8475	-1.757	-1.235	-0.1525	0.05754	-2.25	-0.6825	2.518
1281	0.502	0.57	-0.135		-0.35			0	0.19
1282	-0.188	0.18	0.045	0.1077	-0.7	-0.49	-1.068	0.01	0.13
1283	1.016	0.1539	0.8589	0.3916	0.08391	-0.1561	0.1459	-0.3261	-0.2661
1284		-0.3889	-0.04391	1.009		0.2211	-1.887	-0.7889	-0.5289
1285	0.168	0.005938	0.5809	0.3337		0.3559	-0.422	-0.4941	-1.094
1286	1.29	1.058	0.0025	0.2752	-0.3625	-0.3825	-0.5305	-0.1725	0.0375
1287	0.3964	0.6444	0.6394	0.5221	-0.4456	-0.7256	0.3464	0.4644	-0.3756
1288		0.63	-0.265	-0.3823	-0.81		-0.918	-0.29	-0.92
1289	2.342	0.88	0.565	0.8577	-0.58	-0.57	-1.018	0	-0.41
1290	2.427	1.385	0.4698	0.06254	-0.0452	-0.0652		0.0748	0.3748
1291	2.187	1.425	0.1895	-0.7077	-0.03547	-0.01547		-0.4055	-0.6655
1292	1.644	0.2722	1.337	0.2799	-0.1978	-0.2878		-0.03781	-0.6278
1293	2.756	0.9141	1.089	0.9119	0.1041	-0.4559	-0.003828	-0.3859	-0.6359
1294	0.2075	0.2055	1.33	0.7932	-0.6145	-0.06453	-0.6125	-0.1345	-0.3245
1295	0.1864	0.3044	-0.03063	-0.3779	-0.4556	-0.6756	0.05641	-0.4556	-0.4556
1296	0.3523	-0.07969	0.2753	0.248	0.7803	-0.2097	0.3123	0.8603	

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1297	1.342	0.49	1.175	0.4077	-0.22	0.1	-1.098	-0.01	0.46
1298	2.162	0.61	1.145	0.5977	0.49	0.47	-0.448	-0.06	0.23
1299	1.511	0.4888	0.3537	0.1065	0.1187	-0.1613	-0.1392	0.4187	0.2287
1300	2.292	-0.05	0.255	0.2477	1.79	0.57		-1.04	0.76
1301	1.847	1.745	0.4699	-0.1273	-0.07508	0.1349		-1.215	0.1049
1302	2.709	0.4973	0.7423	0.4751	0.1173	1.197	-0.8306	-1.593	-0.6627
1303	1.588	0.8559	-0.1391	0.2137	-0.9241	1.246		1.036	1.266
1304	0.6314	0.5694	0.03437	-0.4129		-0.2206	-0.6886	-0.8806	-1.121
1305	0.995	1.333	0.07797	0.8407	-0.607	0.533	-0.355	-1.337	-0.537
1306	0.8245	0.9325	1.287	0.07023	-0.9975	-0.0975	-1.085	-1.297	-0.6875
1307	2.253	1.351	-0.9345	-0.4017	-0.5395	-0.9195		-0.6795	-0.6295
1308	2.294	1.952	-0.8526	-1.57	-0.9776	-0.7376	-0.1556	-0.6776	-0.7276
1309	0.2995	-0.1325	-0.1675	0.5152	-0.7625	-0.9725	1.45	0.3275	-1.153
1310	-0.6417	-0.2737	0.9912	0.924	-0.6137	-0.3937	-1.052	-0.5637	-1.254
1311	1.378	-1.594	-0.4588	0.504	2.496	3.486	-0.9217	-0.5737	-0.5137
1312	2.275	-1.527	-0.2916	0.4711	2.483	3.173	-0.7046	-0.3166	-0.8266
1313	-0.1344	1.734	-0.3314	0.4213	-0.06641	-0.1964	-0.6244	0.08359	0.03359
1314	-0.1059	-0.4779	0.5471	0.3798	0.6721	0.4921	0.9341	0.5021	0.2521
1315	0.122	0.55	0.785	0.1977	-0.77	0.26	1.392	0.44	0.1
1316		0.215	3.63	1.903	-0.055	-0.115	-0.493	-1.345	3.605
1317	3.634	-0.1584	4.267	3.429	2.542	2.832	1.944	1.142	4.632
1318	0.7388	-0.2933	1.922	1.194	0.5267	0.3067	0.6187	-0.3933	1.497
1319	0.9001	-0.04195	2.013	1.846	0.508	0.148	-0.06992	0.778	4.718
1320	-0.2823	1.336	0.4307	0.2234	-0.5843	-0.0943	-0.3223	-0.5743	1.016
1321	-0.1134	-0.2455	1.19	0.4223	-0.2855	0.2145	-0.5134	0.7445	0.5145
1322	1.041	1.329	-0.2064	0.03633	-0.3614	-0.2014	-1.169	-0.06141	1.649
1323	2.179	1.467	-0.1378	0.4849	0.5872	0.8972		-0.3428	1.497
1324		0		-1.162	0.25	0.61	-0.278	0.47	0.79
1325	-0.6019	-0.3439	-0.7289	-0.4662	0.08609	0.1761	-0.8219	0.3061	0.1461
1326	-1.018	-0.58	0.845	0.4877	2.72	1.16	2.982	1.31	1.69
1327	0.8859	-0.2661	-0.1111	-0.9284	0.003906	-0.4461	-0.06406	-1.476	-1.456
1328	0.2058	0.5938	0.5287	-0.2785	-0.1562	-0.4862	0.3658	0.1438	0.1137
1329		0.8788	0.9937	0.6965	-0.2213	-0.1113	-0.2892	0.07875	-0.6413
1330	0.1777	-0.2543	-0.4793	-0.1966	0.3057	-0.004297	1.048	0.2757	1.886
1331	0.9687	0.5067	-0.2483	0.3045	1.097	1.207	-0.4213	-0.6033	0.2767
1332	0.9433	1.511	-1.064	-0.481	-0.03875	0.1813	-0.2767	-0.1387	-0.05875

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1333	0.03766	0.4856	0.1906	-0.1566	-0.3444			-0.6644	-0.8844
1334		0.4622	-1.153	-0.5701	-0.1678	-0.6278	-0.4258	-0.5178	-0.4778
1335	0.9901	0.178	0.05305	0.2858	-0.732	-0.752	0.6601	0.788	-1.032
1336		0.1623	-0.6527		-0.5677	-0.5377	0.8543	0.9123	-0.6977
1337	1.966	0.7144	-0.7006	-0.1779	0.6544	0.3444	1.076	0.6144	-0.9256
1338	1.357	0.8145	-0.3005	-0.6277	-0.4255	-0.8955	0.1666	-0.01547	0.5745
1339	0.8864	-0.05563	0.3694	0.1621	-0.1856	0.09437	-1.074	-0.2456	0.1044
1340	1.572	0.9	-0.055	0.3277	0.43	0.84		-1.37	-0.12
1341	-0.21	0.618	1.113	0.7557	0.788	1.238	0	-0.312	0.428
1342	-1.054	0.6644	0.1594	0.7521		1.704	0.4264	-0.5856	-0.6556
1343	-0.798	0.55	-0.905	-0.7223	0.41	0.4	-0.598	-1.19E-08	0.31
1344	0.06602	0.494	-1.461	-0.3783	1.064	0.564	0.02602	-1.336	0.624
1345	0.7871	-0.705	0.1	0.07277	-0.02496	-0.125	-0.4629	-0.115	-0.355
1346	-0.04215	-1.084	-0.07918	0.4036	1.086	0.4958	-1.162	0.5158	0.5158
1347	-0.6395	0.04848	-0.3765	-0.3538	0.2685	0.05848		-1.592	-1.412
1348		-0.1004	0.7346	1.217	0.03965	-0.3504	0.4517	-1.28	-0.9604
1349	-0.2586	-1.091	1.884	2.507	-0.4806	-0.3306	-0.2186	-0.7506	0.8794
1350		-0.1402	2.505	2.608	-0.1502	0.3998	-1.968	-0.6902	0.5598
1351	-0.03297	-0.355	1.54	0.7927	1.975	2.455	0.867	0.285	1.185
1352	-0.465	-0.787	0.188	0.0207	0.783	0.263	0.605	1.113	0.863
1353	-0.3141	-0.9561	0.9389	0.3516	0.1939	1.074	-1.644	-0.6261	0.7439
1354	-1.243	-0.875	0.82	0.5927	0.195	0.965	-0.002969	-0.865	-0.195
1355	-1.608	-0.42	0.545	0.6477	0.87	1.61	1.042	0.6	0.89
1356	-1.992	-0.6541	0.4909	0.3937	0.8059	1.426	1.138	0.6459	0.8859
1357	-0.333	0.255	3.01	2.503	1.035	0.955	2.547	1.675	1.865
1358	-0.7256	-0.5176	0.3474	1.62	-0.8476	-0.4376	0.6144	1.842	-0.3776
1359	-0.8697	-0.2817	0.9733	0.956	-0.2917	0.1683	-1.39	-0.04172	-0.04172
1360	-0.828	-1.75	1.265	0.2677	0.6	0.65	0.282	0.96	0.13
1361	-0.3192	-0.3112	2.544	1.836	-0.4313	0.3387	-1.209	-0.05125	0.4387
1362	-1.588	-0.27	-0.385	-0.3323	-0.97	-1.16	2.052	0.18	0
1363	-0.749	-0.701	1.854	1.677	-0.281	-0.551	0.001016	0.008984	-0.06102
1364	-0.578	-0.77	1.835	1.488	-0.08	-0.26	-0.828	-0.38	-0.07
1365	-2.289	-0.4107	-1.036	-0.543	1.259	0.8493	1.531	0.0593	-1.191
1366	-0.3207	-0.6427	-0.2477	-0.415	-0.1327	-0.5027	0.4093	0.2573	-0.4827
1367	1.712	0.62	0.525	-0.6623	-0.25		-0.948	0.69	-0.57
1368	0.117	-0.295	0.01	0.1427	0.115	0.565	0.167	-0.595	-0.475

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1369	-1.531	0.1971	-0.4579	0.1448	1.097	1.367	0.2991	-0.1129	0.7071
1370	0.132	-0.89	-0.865	0.02773	0	-0.03	0.522	0.4	-0.04
1371	0.252	-0.36	0.015	-0.1923	0.2	-1.39E-17	-1.118	0.01	-0.48
1372	1.417	-0.075	0	0.1227	-0.215	-0.055	-0.853	0.015	0.405
1373	1.352	0.74	-1.305	-0.3823	0	1	2.652	0.91	0.47
1374	-2.483	-2.115	-0.75	-1.047	-0.175	-0.425	1.097	0.775	0.125
1375	-2.578	-2.25	-0.405	-1.322	0	-0.05	0.882	0.52	-0.18
1376	0.1784	-0.1036	-0.04859	-0.6259	0.2064	0.01641	0.3984	-0.2436	-0.2336
1377	-0.1055	0.2025	0.0975	-1.16		0.4325	-0.2255	-0.8075	-0.2175
1378	0.02797	-0.4741	0.4309		-0.7641	-0.3141	-1.642	-0.3641	0.7959
1379	-0.06316	0.2148	1.36	0.7925	-0.9352	-0.1952	-0.4832	-0.4152	0.8048
1380	-0.263	-0.405	0	-0.05727	1.245	1.365	-0.313	0.545	0.685
1381	0.0007813	0.00875	-0.8863	-0.1335	0.01875	0.09875	1.101	2.069	-0.4913
1382	-1.632	-0.5144	-0.2694	-0.2266	-0.2644	-0.2344	-1.252	-0.01438	-0.2544
1383	0.202	0	1.415	0.7177	-1.83	-0.88	-0.908	0.32	-1.18
1384	-0.158	0.32		-0.05227	-0.51	-0.69	-0.04797	-0.27	0
1385	2.512	1.38	-0.365	0.4377	0	0.88	-0.718	-0.22	-0.19
1386	0.7736	0.9616	-1.513	-0.4507	0.7516	0.9916	-0.3164	0.4016	0.2316
1387	-0.09797	-0.81	-0.695	-0.7023	0.36	-0.19	0.07203	-0.84	0.18
1388		-0.2706	-0.5856	-1.273	-0.5406	-0.3006	-0.3286	-0.7006	
1389	1.026	0.04375	0.5687	0.6615	0.4538	-0.1662	-1.964	0.04375	-0.3162
1390	-0.2381	-0.4402	1.155	0.7476	-0.7102	-0.6402	-0.1081	-0.4002	0.1798
1391	-0.5033	-0.2454	0.7096	-0.07762	0.2146	-0.08535	0.3467	0.1046	0.3746
1392	-1.809	-0.6912	-0.1063	0.6565	0.5887	0.5887	-0.4692	0.2387	0.8987
1393	-0.7586	-0.3906	0.03437	-0.2429	0.3394	-0.5706	0.4214	0.6194	0.08937
1394	0.528	-0.004062	0.1409	-0.09633	1.146	0.9159	0.228	-0.4041	-0.2041
1395	-0.178	-0.6	0.595	-0.4723	-0.42	-0.25	-0.108	0.07	0
1396	0.302	-0.63	0.195	-1.202	0.01	-0.29	0.152	-0.05	0
1397	-0.01297		0.37	-0.4573	0.005	0.015	0.427	0.035	-0.255
1398	-0.3406	-0.4627	1.382	0.3551	-0.6627	-0.1527	0.009375	-0.4227	0.8673
1399	0.5398	1.458	0.08281	-0.5645	0.4778	-0.4322	-0.6402	-0.4922	-0.8422
1400	0.2468	0.6548	0.9098	0.7825	-0.1952		0.3768	-0.2452	0.1048
1401	0.392	-0.23	0.545	0.3377	0.37	0.37	0.06203	0	-0.15
1402	0.3436	-0.6484	0.4566	0.3093	0.6116	0.3416	0.3136	0.09156	1.262
1403	0.422	0.32	0.475	0.9177	0	-0.2	0.802	0.57	0.09
1404	-0.1819	0.09609	1.091	1.294	-0.1739	-0.2739	0.1581	0.2061	-0.1539

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1405	0.284	-0.238	1.147	1.33	-0.188	-0.308	-0.366	0.112	0.001953
1406	1.151	0.8794	0.2544	0.3671	0.2994	0.01938	0.6514	0.3094	1.649
1407	-0.668	0.61	0.445	1.388	0	-0.39	0.492	-0.48	-0.04
1408	-0.6752	1.943	0.08781	0.5205	0.2528	-0.09719	-0.8452	0.4528	0.2328
1409	0.6125	-0.6895	2.515	2.758	0.1705	-0.5195		-0.9695	2.89
1410	1.11	-0.2616	2.183	2.466	0.02836	-0.5216		-0.7516	2.898
1411	0.462	-1.27	1.725	1.998	-0.08	-0.97	-1.098	-0.86	3.34
1412	-0.272	0.005938	0.3909	0.1037	0.2559	0.2359	0.458	-0.02406	0.4659
1413	0.8277	-0.1943	0.0307		-0.4543	-0.3243		0.2257	-0.0843
1414	0.6259	-0.05609	0.08891	0.07164	0.05391	-0.4261	-0.7941	0.2539	-0.4461
1415	-1.263	-1.495	0.38	0.1227	1.005	0.645	-1.253	-0.305	-0.445
1416	-1.395	-0.9075	1.247	0.8602	-0.1675	-0.3375	0.6345	-0.0775	0.4525
1417	1.028	-0.1444	1.601	0.5034	0.2756	0.04562	-0.2723	-0.6544	0.6056
1418	0.02641	0.2144	0.5094	0.6921	-0.02562	-0.4456	0.9764	0.2944	0.3544
1419	0.3108	0.2488	0.6537	0.2665	-0.2812	-0.4912	0.3608	0.05875	1.269
1420	-0.09578	-0.3078	0.6172	0.4499	-0.7078	-1.008		0.09219	1.252
1421	-0.4792	-1.211	-0.2463	-0.3835	0.2188	0.08875	0.04078	0.2688	-0.4313
1422	-1.656	-0.688	-0.103		-0.08805	0.02195	0.604	0.392	0.632
1423	-0.383	-0.515	0	-0.01727	-0.395	-0.315	0.007031	-0.395	0.355
1424	0.6595	0.1975	1.272	0.5552	0.2275	-0.5825	0.6795	0.0975	-0.3225
1425	0.142	0.83	0.805	0.5877	0.1	-0.3	1.192	0	0.61
1426	-0.4419	0.3161	0.5311	0.7138	-0.4839	-0.6139	0.1981	-0.1139	0.2961
1427	0.07203	-0.24	-0.475	-0.4023	-0.17	-0.1	0.602	0	-0.29
1428	0.009219	-0.5828	-0.6278	0.1349	0.1172	-0.07281	0.6192	0.6372	-0.3228
1429	-0.1469	-0.4189	-0.5339	-0.04117	-0.01891	0.04109	0.5131	-0.01891	-0.4589
1430	-1.503	-0.8755	-0.4305	0.8923	0.02453	-0.3055	-0.6234	0.09453	-0.9755
1431	0.7134	-0.2686	0.1864	-0.6309	-0.1086	-0.08859	-0.6166	0.4214	1.051
1432	0.952	-0.05	1.475		-0.19	-0.33	-0.288	0.38	0.82
1433	-0.238	-1.01	0.405	-0.4423	-0.68	-6.94E-17	0.182	-0.41	-0.59
1434	0.4223	1.58	1.215	1.538	-0.7397	-0.07969		0.3803	-0.3297
1435	-0.5464	0.06156	1.767	0.8693	0.2016	-0.3084	-0.1964	0.2716	0.3216
1436	-0.442	0.01594	-0.05906	0.1037	-0.7441	-0.4241	0.298	-0.1741	0.4359
1437	-0.06125	0.4367		0.3345	0.2667	-0.1833	0.9987	0.5467	-0.1133
1438	0.6283	0.5563	-0.1888	0.04398	-0.9237	-0.4138	-0.6117	-0.1237	-1.014
1439	-0.5378	1.27	-1.715	-1.182	0.4102	0.1902	0.1122	0.4402	-0.009844
1440	-0.238	-1.09		-0.3823	0.16	-0.36	-0.768	0.45	-0.91

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1441	-0.5587	0.3793	-2.096	-0.223	-1.181	-1.091	-0.4687	-0.0107	-1.791
1442	-1.334	0.1935	-1.651	0.00127	-0.6565	-0.8865	-0.2144	-0.4865	-1.376
1443	-0.003594	-0.1656	-0.06063	0.01211	-0.2556	-0.8856	-0.1236	-0.1856	-0.3456
1444	-0.2949	0.293	-0.07195	0.8408	0.543	0.893	0.8251	-0.477	-1.117
1445	-0.897	-0.479	-1.034	-1.491	0.971	0.601	-1.677	0.851	0.021
1446	-0.468	-0.16	-0.955	-0.4123	1.22			0.51	0
1447	0.4726	0.4305	0.2555	-0.2217	0.5605	0.3705	-0.5974	0.3405	-0.2695
1448	0.5511	-0.1109	-0.1559	0.06684	0.3491	0.2791	-0.1389	0.1091	-0.2509
1449	-0.9752	-0.8972	-0.5522	-0.2895	-0.01719	-0.3472	0.2048	0.5128	-0.3472
1450	-0.648	0.42		-0.002266		-6.94E-17	-0.138	0.58	-0.1
1451	-0.678	0.59	0.235	0.5177	0.22	-0.18	0.162	1.45	0.79
1452	0.09313	0.08109	-0.2739	0.3588	1.301	0.4511	1.093	1.551	1.301
1453	0.9192	2.087	1.552	1.195	-0.02281	0.05719	1.159	0.3472	1.387
1454	0.382	1.07	0.815	0.5477	-0.03	-6.94E-17	0.302	-0.11	0.61
1455	0.5398	0.4078	0.05281	0.8355	-0.1922	-0.002188	-0.6402	0.7878	-0.4422
1456	1.192	0.05031	1.715	0.308	0.3703	-1.03			-0.5197
1457	0.342	0.11	0.965	0.2677	0.22	-6.94E-17	0.532	0.41	0.85
1458	-0.318	0		0.5477	0.59	0.6	0.292	0.47	1.01
1459	0.0007813	-0.2712	0.4937		-0.06125	-0.1313		0.09875	0.00875
1460	0.962	0.42	1.145	0.3377	0.64	0.29	-0.03797	0.22	1.2
1461	-0.3323	-0.004297	1.001	1.133	1.506	1.356	1.688	-0.5743	0.5757
1462	-1.158	0.63	-0.825	-0.3623	0.75	0.59	0.672	2.08	-0.97
1463	0.3845	0.7325	0.9275	1.81	-0.8175	-0.0875	-0.2255	0.2325	0.4525
1464	0.1932	0.9511	0.3861	-0.01113	-0.4189	-0.4889	-0.4468		-0.5689
1465		0.5794	0.5844		0.1094	0.2294	0.8014	-0.01062	0.1994
1466		-0.8327	0.5223	0.305	0.6273	-0.3927	-1.071	-1.393	-1.803
1467	0.8623	0.9503			0.02031	-0.1697	-0.7277	-0.6597	-0.6497
1468	-1.689	-2.721	1.484	1.146	1.419	0.4187	0.8608	-1.551	-0.3113
1469	-2.148	-2.23	1.355	-0.05227	0.63	0.02	0.842	-0.64	-0.47
1470		-0.4745	-0.6695	0.1933	0.9055	1.296	-0.2124	-0.02445	-1.084
1471	-1.338	-0.55	0.845	0.9777	0.01	0.77	0.402	-0.66	-0.14
1472	-1.195	-0.4469	-0.9019	0.1309	0.2131	0.09312	-0.6548	1.023	0.09312
1473	0.0007813	-0.9412		-0.3935	0.6088	0.2687	1.381	-0.3513	0.6187
1474	-0.6569		-1.274	-0.9412	0.5111	0.2211	1.053	0.2911	0.3811
1475	0.662	0	0.415	-0.2423	-0.06	-0.59	-0.598	-0.07	0.92
1476	-1.808	-0.34	-1.255	-0.9523	-0.22	-6.94E-17	0.542	-0.4	-0.73

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1477	0.0007813	-1.081	-0.5363	-0.5235	1.399	0.9087	-0.4792	-1.741	-1.851
1478	-1.047	-0.3887	0.9662	-1.561	-0.4787	-0.1287	-0.6267	-0.9687	-1.049
1479	-1.063	-0.2852	-0.1502	-1.027	-0.2952	0.0348	-0.2732	-0.9452	-0.6752
1480	-1.576	-1.298	0.3872	-0.4501	1.682	1.162	-0.3458	0.9422	0.3022
1481	-2.238	-1.05	-0.555	-0.6323	0.56	0.42		0	0.36
1482	-2.287	-0.6089	0.1061	0.03883	0.06109	0.3711	-0.3869	0.2811	-0.1089
1483		-1.99	-0.585	0.04773	-0.84	-0.36	-2.258	0.01	-0.91
1484	-0.5456	-0.6577	-0.4727	-0.2499	-0.7977	-0.1977	0.3244	-0.1677	-0.6577
1485	-1.474	-1.826	-1.051	-0.1384	0.5039	0.5239	1.596	0.5439	-0.2061
1486	-0.713	0.005	0.96	0.8327	-0.635	-0.375	-1.573	-1.015	-0.195
1487	1.83	0.668	-0.237	0.4057	-0.04203	-0.652	0	-1.132	-0.492
1488	1.797	1.345	0	0.5227	0.225	0.035		-0.945	-0.165
1489	0.334	-0.328	0.257	0.9897	-0.298	-0.08805	0.424	-0.538	-0.248
1490	0.2617	0.5496	0.5646	0.5474	-0.4004	-0.7404	0.4617	-0.5204	-0.5204
1491	1.063	-0.239	-0.224	-0.09125	0.831	0.561	-0.127	1.281	0.841
1492		1.47	1.325	1.708	-0.35	-0.37	0.972	-0.04	0.1
1493	2.572	1.18	1.265	0.9377	0.25	-0.2	0.182	0.93	0.57
1494	0.07203	-0.66	0.815	-0.2423	-0.52	-0.56	-0.438	-0.07	-0.55
1495	-0.2796	-0.7716	-0.1266	-0.7539	-0.9516	-0.9016	-0.3896	0.1884	-0.8816
1496	-1.433	-0.1952	0.3898	0.5425	-0.9552	-0.3752	0.6968	-0.5552	0.0248
1497	-0.4237	0.4042	1.579	0.602	-0.8358	-0.7458	0.2463	-1.386	-0.7258
1498	0.502	-0.54	-0.145	-0.2223	0.02	-0.13	-0.608	0.32	-0.58
1499	-1.296	0.2718	-0.7932		0.4418	0.1918	0.7738	-0.2682	-0.2982
1500	0.1233	0.5413	0.9362	-0.261	-0.6587	-0.3887	-0.2567	-0.5387	0.3812
1501	1.072	-0.66	0.785	0.3777	0.02	0.4	1.552	0.85	0.18
1502	-2.358	-0.5901	0.5149	0.6076	-0.5001	-0.1701	1.282	0.6599	0.2399
1503	1.222	0.17		0.6977	-0.22	0.21	-0.298	-0.29	-0.13
1504	-0.7786	-0.1006	-0.1656		0.8394	2.519	0.3314	-1.051	-0.4906
1505	-0.758	-0.78	-0.515	-0.9623	0.26	0.71	2.762	-2.28	-2.43
1506	-0.733	-0.825	0	-0.2273	0.425	0.885	2.567	-2.405	-2.575
1507	-1.448	-0.82	0.075	-0.4923	0.91	1.51	1.222	-2.72	-1.6
1508	-1.14	-0.8925	0.1725	-0.2248	0.7275	1.298	0.8295	-1.172	-0.6225
1509	-0.1848	-0.8669	-0.2219	-0.07914	0.2531	-0.3269	-0.2248	-0.7069	0.1431
1510	-1.36	-1.052	0.0125	-0.8148	-0.1725	-0.5225	-1.03	0.3575	-0.0125
1511		-1.341			-0.2113	-0.7013		-0.9313	-0.08125
1512	-0.438	-0.31	-0.355	0.1977	0.37	-0.25	0.722	0.57	0

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1513	-0.7592	-0.3612	-0.2063	0.5165	0.3188	0.03875	0.8108	0.2788	-0.1313
1514	-0.4323	0.01563	-0.07938	-0.02664	0.08563	0.1256	0.5077	0.4856	0.5056
1515	-1.45	-0.4325	0.5925	1.035	0.8675	2.448	3.72	-0.7625	-0.5825
1516	-2.014	-1.336	0.4187	0.09148	0.6538	2.454	3.386	-1.536	-0.7363
1517	0.444	-0.158	0.01695	0.1397	0.472	0.172	0.214	0.542	-0.278
1518	-0.6609	-0.4329		0.7248	-0.07293	-0.4029	-0.4609	-0.4229	0.6171
1519	-0.2115	-0.02352	0.8115	1.194	0.1265	0.7765	-0.6315	0.9565	-0.4835
1520	0.9092	0.2672	0.3722	0.4849	0.6472	1.717	0.9192	0.8572	0.3472
1521		0.8202	-0.9248	-0.6821	-0.3098	-0.7098	-0.5478	-0.5098	-0.6198
1522	-0.6319	-0.02391	0.8911	-0.02617	-0.2339	-0.6139	0.8981	-0.07391	-0.09391
1523	0.322	0.21	0.235	0.1577	-0.09	0.33	-1.008		-0.01
1524	0.9459	0.4239	0.008906	0.1816	0.1639	0.5239	-0.7041	0.4239	-0.3761
1525	0.2913	0.4393	0.2343		-0.6307	-0.4607	0.7113	-1.131	-0.4407
1526	-0.8358	-0.2078	0.1872	-0.5001	-1.028	-0.7178	-0.1358	0.07219	-0.1378
1527		-0.9713	-0.3063	-0.8736	0.4187	0.3287	0.2307	-0.02133	-1.561
1528		-0.5761	-1.101	-2.148	-0.9261	-1.106		1.354	
1529	-0.3069	-0.3489	-0.1839		-0.5689	-0.02891		-0.5889	-0.008906
1530	-0.2006	-0.3127	0.2223	-0.3349	-0.9427	-0.9227	0.07938	0.2673	0.4673
1531	-0.04883	0.2091	-0.6059	-0.04312	0.9691	-0.2209	0.3312	-0.07086	0.2791
1532	1.492	-0.25	1.115	0.8677	0.36	-6.94E-17	0.932	0.47	0.3
1533	0.5964	-0.3556		-0.7279	-0.2356	-1.016	0.1864	-0.3456	-0.1056
1534	0.582	-0.09	0.005	-0.04227	-0.22	-0.87	-0.178	-0.33	-5.31E-09
1535	0.8089	0.7069	-0.008125	0.8846	0.02688	-0.3531	0.6389	0.2769	0.1169
1536	0.1079	-0.1241	0.3109	0.5536	0.3759	-0.04414	-1.732	0.8459	-0.6141
1537	-0.8177	-0.2497	0.7853	0.798	-0.6097	-0.7297	-0.9277	0.4903	0.3103
1538	-3.727		-0.2238	-0.561	-0.5488	-0.2088	-0.5167	0.6212	-2.479
1539	-2.834	-1.576	-0.2613	-1.059	-0.3362	-0.07625	-0.6542	0.5738	-1.606
1540	-2.382	-1.254	-0.1791	-0.8364	-0.07414	-0.06414	-0.2621	0.3959	-0.8141
1541	-0.02359	-0.4856		0.04211	-0.2956	-0.5856		0.2244	0.02437
1542	-0.2108	-0.1528	0.9922		0.5572	-0.3228	0.03922	-0.08281	0.5472
1543	0.9368	-2.165	-0.1902	-0.7975	-0.3252	-0.1952		0.4048	0.0248
1544	-0.168	-1.75		-0.8823	-0.12	0.06	-0.518	0.69	0.12
1545	-0.02922	-1.631	-0.7763	-1.164	-0.1412	0.09875	-0.7192	0.2588	-0.1013
1546	-1.174	-1.006	0.9889	0.9116	0.8539	0.8739	1.126	-0.03609	1.444
1547	-0.1423	-0.3944	-0.5494	-1.987	0.2856	-0.08437	-0.2223	-0.6344	-0.9444
1548	-0.6899	-0.962	-0.347	-0.5642	-0.212	-0.162		-0.132	0.06805

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1549	0.2508	0.01875	-0.5463	1.226	1.169	0.7588	1.771	-0.1812	0.7087
1550	0.8383	0.6163	0.5712	0.384		-0.1638	1.808	1.316	1.216
1551	0.08203	-0.09	-0.455	0.03773	0.33	0.19	0.122	0.71	1.08
1552	0.5657	-0.3363	-0.3213	-0.3286	-0.07633	-0.8763	-1.544	-0.9163	-0.8363
1553	-0.1441	-0.6661	0.7489	0.4216	-0.01609	-0.1961	-0.4741	-0.4561	0.3039
1554		-0.85	-0.205	-0.1923	0.64	0.36	-0.458	0.67	-0.43
1555	-0.3487	-0.3008	0.8642	0.08695	0.1492	0.05922	1.391	0.2192	0.06922
1556	0.002031	-0.2	0.735	0.1577	0.29	-0.47	-0.518	-0.19	-0.18
1557	0.5758	-0.4862	0.8587	0.5215	0.5238	-0.5762	-0.6542	-0.1862	-0.3063
1558	-1.423	-0.245	-0.21	-0.1173	0.945	0.835	1.057	0.305	0.545
1559		-0.343	-0.06805	0.2247	0.957	0.957	1.009	0.857	0.507
1560	-0.9729	-0.8849	-0.7899	0.09285	0.8151	0.8551	1.577	1.015	0.6951
1561	-0.8678	-1.03	-0.5148	-0.6121		0.8202	1.362	0.5302	0.6502
1562		-0.7441	0.3809	0.2936	0.7959	0.9959	1.678	0.6959	0.4159
1563	-1.234	-0.5564	0.2886	0.4713	0.4936	0.3836	1.316	0.5236	0.003594
1564	0.6166	-0.3855	0.9895	0.3923	0.4445	0.5745	1.207	-1.245	0.7745
1565	0.05078	-0.2212	0.4537	0.1165	0.5088	0.9088	1.351	-1.081	1.179
1566	-0.01219	-0.2442	0.3108	-0.2265	0.6358	0.6358	1.288	-0.9442	1.146
1567	0.7959	-0.7961	0.3489	0.3116	0.3839	0.5039	0.7959	1.144	2.084
1568	0.6792	-0.2528	0.4222	0.1449	0.03719	0.2372	0.4892	0.3172	1.477
1569	-1.348	-2.07	-1.855	-1.082	0.33	0.36	0.642	0.53	1.16
1570	-1.525	-1.418	0.3275	-0.7898	-0.5275	-0.1875	-0.3255	-0.4675	-0.7275
1571	-0.6844	-0.3164	0.2886	-0.4187	-0.6764	0.3636	0.1956	-0.6164	-0.4664
1572	-1.495	-0.5169	0.8681	0.2009	-0.7069	0.09312	-0.7548	0.05312	-0.5169
1573	0.407	-1.175	0.78	0.9127	-0.425	-0.555	-1.553	-0.425	-0.065
1574	-0.06797	-1.23	0.575	0.05773	-0.8	-0.46	-1.238	-0.27	0.05
1575	-0.9152	-1.887	1.138	0.4705	0.4728	-0.02719	1.335	0.1528	0.1328
1576	-0.4252	-1.137	0.6178	0.1805	0.6428	0.2428	0.2448	0.1128	0.5728
1577	0.5908	-1.461	1.744	0.8765	0.5188	-0.1112	-1.289	0.08875	0.6387
1578	0.06813	-1.624	-0.4489	-0.6562	0.9461	0.7161	0.5081	0.2061	1.546
1579	-1.547	-1.109	0.005859	0.05859	-0.2391	0.2409	-1.707	2.251	0.7009
1580	0.5783	0.4563	1.481	1.364	-0.8337	0.1862	0.5683	2.446	-0.02375
1581	0.02203	-0.55	1.405	0.6577	-0.83	0.02	0.302	1.63	-0.67
1582	-0.688	-0.18	-0.475	-0.5923	0.36	0.51	0.922	1.7	1.16
1583	-0.4444	-0.07641	-0.4814	-0.5087	0.3536	0.5436	0.9856	2.014	1.274
1584	0.608	-0.7841	0.9209	0.2037	1.416	0.8659	1.428	-0.6541	1.126

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Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1585	-0.928	-0.5	0.545	0.1277	0.03	0.62	0.672	-0.35	0.59
1586	1.096	0.5536	0.6686	0.6613	-0.3764	-0.4964	0.5256	0.4436	-0.006406
1587	0.397	0.465	0.9	1.203	-0.495	-0.615	0.797	1.075	-0.145
1588	-2.014	-0.7761	-0.06105	-0.6183	1.204	0.9739	2.176	0.9339	0.3039
1589	-2.275	-1.117	-1.032	-0.3795	0.09281	0.01281	-2.145	0.5728	1.133
1590	-1.582	-1.054	-0.6894	-0.2966	-0.1044	-0.06438	-1.102	0.8156	1.226
1591	-1.846	-0.6683	-0.4833	-0.02059	-1.148	-1.458	1.324	-0.8483	0.8317
1592	-1.102	-0.2244	-0.1594	0.01336	-0.9044	0.1456	-0.4023	0.005625	-0.3044
1593	-2.137	-2.789	-0.1343	0.2484	-0.3693	-0.1793	-0.0873	0.9707	0.9907
1594	-2.825	-3.947	-0.1822	-0.08945	-0.1772	-1.017	-1.925	0.6828	-0.3172
1595	-1.491	-1.893	-1.328	-0.9255	0.3167	-0.4933	0.8387	1.387	-0.8133
1596	-2.688	-2.04	-1.325	-1.022	0.39	-0.26	0.752	1.43	-0.78
1597	-2.887	-2.409			0.3811	-0.2189	0.9631	1.131	-0.9289
1598	-1.318	-1.66	-0.6347	-0.862	0.1003	-0.3497	0.4423	0.7403	-0.7397
1599	-2.598	-3.18	-2.465	-2.802	0.25	-0.39	-0.268	-0.44	-3.85
1600	-2.088	-3.03	-2.685	-2.972	0.58	-6.94E-17	0.872	-0.08	-3.75
1601	0.0007813	-0.3812	0.1537	0.02648	0.7588	-0.1513	-0.1392	0.8987	-0.4213
1602	-1.511	-1.473	-0.7884	-1.356	0.9966	-0.1434		0.5466	
1603	0.8355	-0.2865	0.3685	0.1113	0.4235	-0.2865	-0.4245	-0.3465	-0.4165
1604	1.228	0.4162	-0.6588	-0.8661	0.06617	-0.1638	0.5582	-0.1538	-0.3438
1605	-0.02297	-0.795	1.04	0.6727	-0.065	-0.545	-0.193	0.305	0.165
1606	-1.289	0.3986	-1.146	-0.5437	1.509	0.8286	1.591	0.6486	1.639
1607	-1.083	-0.005	-1.09	-0.007266	0.825	1.085	0.957	0.995	2.045
1608	0.557	0.465	-0.68	-0.4073	0.855	0.735	1.477	-0.015	1.145
1609	-2.549	-3.201	-1.226	-1.393	-0.9309	-0.8809	0.8111	0.5291	0.5691
1610	-0.5942	-1.016	1.039		-0.7462	0.2438	1.556	-0.4562	-1.406
1611		-1.043	-0.5383	-0.02555	1.087	0.8467	0.01875	0.02672	-0.5433
1612	-0.428	-0.15	0.895	0.1477	-0.25	0.1	0.05203	-0.7	0.02
1613	-2.48	-1.122		-1.124	1.448	2.058	1.65	1.238	-0.4222
1614	-0.9441	-0.2961	-0.1711	0.1516	1.524	1.614	0.8459	0.6039	-0.7161
1615	-1.762	-0.6041	-0.4591	-0.6764	1.686	1.796	2.038	0.8859	-0.4641
1616	-0.5934	-0.3155	0.6795	0.6423	0.1245	0.08453	0.7866	0.8645	0.4645
1617	-0.5318	-0.2539	0.8811	-0.006133	0.2761	0.1861	0.6182	1.166	0.5061
1618	-1.934	-0.9061		-0.04836	0.1939	0.2139	0.4459	1.464	0.6639
1619	-0.7814	-0.6234		-0.0857	-0.1334	-0.4034	0.9586	-0.05344	
1620	-0.7523	-1.044	0.1307	-0.1166	-0.0743	-0.0943	0.8577	0.5457	-0.1643

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Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1621	-1.733	-0.985	0.63	0.3227	-0.585	-0.305	0.347	0.915	0.815
1622	-1.943	-1.155	0.7195	0.06227	-0.6855	-0.3055	0.3366	0.7145	0.8945
1623	0.7668	-0.2952	-0.3602	0.002539	-0.4552	-0.9452	-0.6032	0.0248	0.2648
1624	0.882	0.18	0.195	0.2177	-0.43	-0.95	-0.908	-0.48	0.18
1625	1.109	-0.3533	1.442	0.4345	0.07672	-0.4933	-0.3013	-0.07328	-0.5133
1626	-2.263	0.3553	2.01	1.853	-0.2347	-0.8047	0.9773	-1.005	0.6053
1627	0.7083	-0.4737	-0.09875	-0.266	-0.05375	-0.4137	0.6183	0.2063	-0.1937
1628	0.122	0.07	-0.015	0.04773	0.48	0.18	0.992	-0.35	0.25
1629	0.08078	-0.03125	-0.1563	-0.02352	0.3787	0.3487	1.141	-0.5013	0.00875
1630	-1.285	-0.1975	0.0475	-0.009766	-0.0675	0.2725	3.085	-0.7275	-0.6175
1631	-0.6743	-0.4563	0.2087	-0.3886	0.3837	0.4937	0.2757	0.2537	0.003672
1632	-0.6008	-1.003	-0.8778	-1.125	0.6472	-0.4228	-0.1008		1.217
1633	-0.05504	-0.9171	-0.1321	-0.1193	0.5529	0.03293	0.475	1.233	1.063
1634	0.9268	-0.3452		-0.1475	0.4348	0.4848		-0.0952	-0.7952
1635	0.1495	0.0175	-0.5575	0.2052	0.2875	0.6275		0.6575	0.1175
1636	3.369	-0.1631	-0.4081	-1.085	-0.8931	-0.6531	-1.021	-0.5431	-0.6231
1637	2.553	-0.1493	-1.064	-1.492		-0.3693	-2.327	-0.5893	0.8007
1638	-0.015	0.443	0.818	-0.6693	1.123	0.223	-0.715	-1.417	-0.647
1639	-0.3341	0.1839	-0.2211	-0.5784	0.3039	0.03391	-0.4141	-0.6161	-0.3761
1640	0.6545	0.7825	0.4075	1.09	-0.1575	-0.2575	-1.085	-0.9575	-0.1775
1641	0.232	0.08	0.225		-0.3	-0.02	-0.09797	-1.42	-0.78
1642	-0.5023	-0.6043	1.311	0.4934	-0.4943	-0.4943	0.1777	-2.104	-0.7943
1643	-1.86	-0.502	-0.006953	-0.8542	0.828	0.378	-0.1499	-0.182	-1.162
1644		0.5057	0.8507		-1.334	-1.064	-1.922	0.4957	-0.6143
1645	0.622	1.45	1.465	0.3877	-1.27	-0.77	-0.978	0.18	-1.14
1646	-0.6573	0.06063	0.3356	0.3884	-0.7194	-0.5694	0.5927	0.1706	-0.4294
1647	-0.9317	-0.3437	1.321	0.234	-0.2937	-0.3438	0.1783	0.07625	-0.3238
1648	-0.518	-0.75	-1.435	-1.592	0	0.28	-1.358	-0.04	-0.41
1649	-0.02797	0.26	-0.405	-0.04227	-0.84	-0.29	-0.738	0.74	-1.07
1650	-0.8323	-0.2244	0.2006	0.3234	-0.6944	-0.3344	-0.4623	-0.2844	-0.2244
1651	-0.1836	-0.4256	-0.9506	-0.1679	0.1844	-0.3256	-0.8836	-0.9956	-0.8256
1652	-1.668	-1.06	-1.495	-1.572	0	0.32	-0.268	0.69	-0.54
1653	-2.338	-1.29	-1.405	0.2777	0.57	0.24	1.022	0.33	-0.13
1654	-0.3158	-0.5879	-1.053	-0.1101	-0.4579	0.08215	-0.5358	-0.8379	-0.3379
1655	-0.3466	-0.5687	0.3663		0.5013	-0.4687	0.6834	0.4113	0.1413
1656	-1.182	-0.1741	0.2009	0.3736	0.7859	1.026	1.178	0.7559	0.2059

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1657	0.6094	-0.4527	1.222	2.575	1.547	2.737	-0.1106	0.4973	-0.4827
1658	-0.1923	-0.4343	0.1507	-0.2166	-0.0243	-0.0543	-0.3023	0.3457	-0.6343
1659	-0.5858	-0.9979	0.01715	0.4899	-0.2879	0.2821	-0.5958	0.3121	-0.01785
1660	-0.6261	-0.6081	-0.9931	-1.13	-0.4881	-0.5181	0.4139		0.1419
1661	-1.498	-1.42	-0.985	-1.222	-0.9	-0.49	-1.178	-0.71	-1.19
1662	-1.153	-0.605	-0.52	-0.8973	-0.125	0.395	-0.213	-1.135	-0.345
1663	-0.8123	-0.8844	-1.179	-0.6666	-0.4744	-0.5044	-1.052	-0.5744	-0.8044
1664	-0.678	0.11	-0.285	0.05773		-0.23	-0.118	-0.24	0.12
1665	-0.03047	0.1175	-0.0075	0.2752	0.0075	-0.2525	-0.2905	-1.552	-1.002
1666	-0.468	-0.34	0.745	0.6877	-0.52	-0.47	-0.03797		-0.3
1667		-1.263	-0.8477	0.6051	-0.5427	-0.4127	-0.9106	0.3373	-1.183
1668	-0.5869	-1.369	-1.394	-1.391	0.1511	0.6111	1.873	2.481	-0.7289
1669	-0.09922	-1.221			0.7487	0.9487	2.941	2.449	-0.6213
1670	1.342	0.01	-1.765		-0.7	-0.14	1.752	0	-2.26
1671	-0.9883	-1.19	-1.415	-1.183	0.9896	1.51	0.6717	-0.5504	-0.7004
1672	-1.958	-0.69	-0.995	-0.4223	-0.5	-0.04	0.09203	0.26	0
1673	-0.498	-0.3	-1.495	-0.8723	-0.1	-0.16	-0.378	-0.18	-0.61
1674	0.3163	1.364	-0.2908	-0.668	-1.426	-0.9458	-0.6538	0.2542	-1.696
1675	-0.5194	-0.1414	0.2736	0.1463	0.3086	-0.2214	0.06063	0.2886	0.2886
1676	-0.2342	0.2137	1.209	0.2515	-0.1563	-0.2463	-0.1142	0.5637	-0.8163
1677	0.958	-0.3041	-0.04906	-0.9163	-0.1841	-0.02406		-0.9441	-0.7241
1678	-0.388	0.12	0.485	-0.1623	0.51	0.19	0.422	-0.32	-0.36
1679	-0.858		0.255	0.2077	-0.14	-0.32	-0.788	-1.43	-1.13
1680	-0.5873	-0.6394	0.8156	0.5384		0.000625	0.3127	-0.3894	-1.479
1681	-0.469	-0.361	0.294	0.3067	-0.531	-0.391	0.01102	0.139	0.129
1682	0.1231	-0.5089	0.4361	-0.04117	-0.1989	-0.6389	1.433	0.07109	-0.7289
1683	-0.09797	-0.83		0.6277	-0.67	-0.74		-0.64	-1.1
1684	-0.1946	0.2234	1.038	0.3611	0.6034	0.1034	-0.8346	-0.3666	-0.6266
1685	0.4089	1.697		0.4846	0.6469	-0.07313	-0.08109	-0.5731	-0.2331
1686	0.2156	2.574	2.039	1.621	-0.1364	-0.2764	-0.2044	0.06359	0.4236
1687	0.622	0.62		0.9177	0	-0.03	-0.138	-0.73	-0.85
1688	0.617	-0.045	1.1	0.1027	-0.655	-0.545	-0.323	-0.455	-0.605
1689	1.362	0.21		0.4077	-0.29	-6.94E-17	-1.118	-0.46	-0.12
1690	0.3445	-1.248	0.5475	-0.6898	-0.2775	-0.1875		-0.5675	-0.7175
1691	0.8631	-0.07891	0.6261		0.5311	0.1411	1.083	0.3311	0.6311
1692	0.6977	0.9256	-0.4694	0.3734	2.026	1.526	2.938	0.8356	1.316

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1693	1.074	0.6522	-0.2728	0.3999	1.862	1.522	2.744	0.8822	1.282
1694	0.2238	-0.09828	-0.4733	0.5195	0.8717	0.8817	1.724	0.3017	1.272
1695	1.147	-0.545	0	-0.9473	0.205	0.235	0.747	-1.105	-0.005
1696	0.4058	-0.7162	-0.8813	-0.7185	0.5538	0.3138	1.846	0.2238	-0.2062
1697	0.8258	-0.02625		-0.2785	1.454	0.6937	2.966	-0.6063	-0.6263
1698	0.522	-0.38	-0.295	-0.1923	1.38	1.02	2.772	0.48	-0.26
1699	-0.5486	-0.3306	0.1944	0.5271	1.279	0.6894	2.321	0.02938	0.9894
1700	0.7652	0.08313	0.6381	-0.8491	-0.09687	-0.5469	-0.7148	0.4931	-0.6369
1701	0.272	0.41	-1.095	-0.2423	0.18	0.51	-0.178	-0.65	-0.07
1702	0.01078	-1.021	-1.106	-0.6735	0.3187	0.3687	0.1408	1.469	0.08875
1703	-0.578	-0.44	0.335		-0.28	-0.24		0.04	-1.14
1704	-0.5417	-0.6138	0.2612	0.604	-0.3738	0.3962	0.5783	-0.1138	-0.1238
1705	-0.428	-0.56	0.455	-0.6823			0.742	0.75	-0.51
1706	0.01203	-0.64	0.065	-0.3323	0.2	0.03	-0.208	0.1	0.07
1707	-0.223	0.385	0.83		0.015	0.135	-0.303	-1.745	-0.285
1708	1.11	-0.3917	0.7233	-0.794		-0.5617	0.5203	0.4583	0.5983
1709	-0.3652	-0.9073	0.6077	-0.2895	2.173	1.593		-1.427	-0.9073
1710	1.669	0.03719	-0.8878	-0.3751		1.527	-0.07078	-0.6828	-0.2428
1711	-0.4344	-0.3864	2.719	1.791	1.974	1.284	-0.03437	-0.5964	-0.4364
1712	-0.3383	-0.3503	4.005	3.107	2.42	1.4		-0.7303	-0.0003125
1713	-0.4715	-1.124		2.304	1.986	1.516	-0.9615	-1.014	-0.1835
1714	0.03641	-0.7456	3.719	2.882	2.024	1.654	-0.4036	-0.3856	-0.03563
1715	-0.6013	-1.103	3.382	2.164	1.977	1.967	-1.301	-0.9233	0.07672
1716	-0.5008	-1.143	3.872	2.115	1.527	1.777	-0.4608	-0.7528	-0.1228
1717	0.242	-0.24	4.185	2.808	2.55	1.77	-0.368	-0.9	-0.01
1718	-0.1177	-0.5997	4.705	3.768	2.43	2.02	-0.1077	0.04031	0.04031
1719	-0.01797	-0.19	4.405	3.968	2.31	2.13	-0.168	-0.04	-0.04
1720	0.135	-0.447	3.858	3.181	0.343	0.113	-1.065	0.01297	0.203
1721	-0.02547	-0.6575	0.4875	0.5402	-0.5075	-0.3075		-0.5475	-1.148
1722	1.177	0.6248	1.42	1.483	0.4348	-0.1352	0.2168	-0.8352	-0.9252
1723	-0.1855	-0.3575	0.6675	1.09	0.0525	0.3425	0.3645	0.9525	1.092
1724	0.01203	0.16	1.795	2.048	-0.09	-0.2	-0.238	0.24	0.8
1725	-0.852	-0.05406	0.1009	0.1037	1.486	-0.08406	1.928	3.336	1.126
1726	-0.01922	1.049	0.2937	-0.2235	-0.4513	-0.2713	0.9108	0.9687	0.8187
1727	-0.368	-0.14	-0.185	-1.362	-0.63	-0.2	-0.248	0.28	-0.28
1728	-1.162	-0.06375	0.1712	0.614	0.4563	0.3162	0.3583	1.016	0.01625

Table 1

	NEW YORK 2	STANFORD 23	STANFORD 2-LN	STANFORD 2	NORWAY 26-BE	NORWAY 26-AF	NORWAY 19-BE	NORWAY 15-BE	NORWAY 48-AF
	ARRY56X	ARRY55X	ARRY58X	ARRY57X	ARRY60X	ARRY59X	ARRY61X	ARRY62X	ARRY64X
	1	1	1	1	1	1	1	1	1
1729	-1.048	0.18	1.075	1.108	0.01	-0.13	0.192	-0.9	-1.29
1730	-0.1713	0.4867	-0.9683		-0.3233	0.09672		0.1567	0.02672
1731	-1.484	-1.506	2.449	0.3319	1.134	0.7041	-0.6538	-1.036	-0.9959
1732	0.262	0.05	0.285	0.5677	1.12	8.24E-09	0.422	0.22	-8.24E-09
1733	0.369	0.497	0.232	1.035	-0.08301	-0.09301	-0.161	0.397	-0.293
1734	-2.618	-0.03	1.045	0.7877	-0.89	0.02	1.272	-1.37	-1.28
1735	0.3178	0.4958	-0.5092	-0.4265	-0.6242	-0.5442	-1.222	0.02578	-0.07422
1736	-0.1698	-1.292	0.5531	1.056	-0.9319	-1.412	-1.31	-1.012	0.1181
1737	0.2687	0.1467	0.1517	0.8945	-0.5633	-0.1933	0.2887	-0.03328	0.1167
1738	-2.256	-1.858	0.8172	0.5599	-0.9078	-0.8178	-0.5258	0.9122	1.342
1739		-0.8081	-1.273	0.1396	0.1719	-0.3081	-0.04609	-1.288	-0.2381
1740	0.512	-0.3	0.145	1.078	0.2	0.13	-0.07797	-0.42	0.38
1741	-0.2648	0.2131	0.8181		0.5531	0.3531		-0.006875	1.023
1742	0.697	-0.105	-0.01	-0.2373	-0.225	0.325	-0.213	-0.175	0.655
1743	0.3392	0.3272	-0.3378	-0.1151	-0.1228	0.1472	-0.1208	0.3472	-0.2628
1744	-0.02297	0.625	-1.26	-0.3673		-0.035	0.817	0.875	0.745
1745	-0.963	-0.225	-0.42	-0.6973	-0.035	-0.105	-0.433	-0.045	-0.325
1746	-0.6592	-0.4513	-0.5563	-0.1235	0.2387	0.05875	1.831	1.089	-0.6813
1747		-1.505	0.84	0.06273	-0.055	-0.075	-1.193	-0.175	-0.825
1748		-0.5487	1.866	0.509	-0.7987		-2.447	-0.5387	2.151
1749	0.6545	-0.3775	1.067	0.2002	-0.9375	-0.9575	0.2545	-0.4275	1.092
1750	0.232	-0.36	1.035	2.728	-1.15	0.06	0.272	0.92	0.42
1751	1.372	0.4696	0.7546	1.857	-0.7904	-0.2104	-0.04832	1.06	0.3996
1752	-0.478	1.54	0.745	1.438	-0.53	-0.29	-0.448	-0.3	-1.01
1753	0.01422	-0.5778	1.767	0.9699	-0.1378	-0.2578	0.4042	0.7822	

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1	-0.9588	-0.4301
2	-0.4994	0.4293
3	-1.03	0.008633
4	-1.05	-0.7914
5	-0.51	0.3486
6	0.104	-0.1374
7	-0.172	0.0166
8	-0.185	0.2736
9	-0.009844	-0.3012
10	-0.41	0.5786
11	-0.435	0.4536
12	-0.6569	-0.01824
13	0.1858	-0.04559
14	-0.81	0.008633
15	-0.2302	-0.2515
16	-0.5906	0.128
17	-0.3375	1.021
18	-1.118	-0.4098
19	-0.8021	-0.01342
20	-1.188	-1.069
21	-0.836	-0.6274
22	-0.6475	0.6111
23	1.029	-0.2626
24	-0.625	-0.4164
25	-0.3525	-0.3639
26	-0.68	0.6886
27	-0.2347	-0.09611
28	0.3127	0.2614
29	0.2	-0.4714
30	-0.02	0.2586
31	-0.05891	-0.0002734
32	0.08625	0.7649
33	-0.3545	0.04418
34	-0.1364	-0.09777
35	-0.12	0.2786
36	-0.0282	0.0004297

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
37	0.0003124	-0.2911
38	-0.7113	-0.9726
39	-1.03	-0.7114
40	-1.485	0.7036
41	-1.237	0.1514
42	-0.9389	0.5397
43	-0.1575	-0.09887
44	-0.2	0.08863
45	-0.35	-0.02137
46	0.2273	1.026
47	-0.4889	-0.0002734
48	-1.136	-1.247
49	-0.8113	0.2574
50	-0.22	-0.6014
51	-0.635	-0.5064
52	-0.7	-0.5414
53	-0.09406	0.2546
54	-0.4344	-0.4857
55	0.8262	0.1949
56	-0.0443	0.3343
57	0.07875	-0.06262
58	0.175	-0.2564
59	0.6612	-0.5201
60	0.45	-0.2914
61	-0.1528	0.4458
62	0.2	-0.2914
63	-0.4241	-0.3454
64	-0.5975	-0.1489
65	0.56	0.3286
66	0.855	-0.1464
67	0.76	0.1986
68	1.455	
69	0.5525	0.02113
70	0.5	0.7186
71	-0.475	-0.7064
72	-1.305	0.2635

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
73	2.328	-0.4436
74	-0.4076	0.06104
75	-0.01563	-0.437
76	-0.1447	-0.6861
77	-0.1634	-0.0248
78	-0.05	-0.1414
79	0.002187	-0.08918
80	0.4527	0.01137
81	-0.36	0.2286
82	-0.41	-0.3414
83	-0.15	-0.06137
84	0.025	-0.2564
85	-0.5375	0.5311
86	-0.65	0.03863
87	-0.665	-0.6864
88	-0.3361	0.1525
89	-0.195	-0.3664
90	-0.4659	-0.3273
91	-0.182	-0.3833
92	-0.0207	-0.1421
93	-0.7222	-0.3236
94	-0.2309	0.5078
95	0.1	-0.3214
96	-0.27	0.1686
97	-0.39	-0.03137
98	-0.8906	0.03801
99	-0.9106	-0.202
100	-1.35	-1.001
101	-0.9778	-0.2392
102	-0.7789	-1.16
103	-0.7756	-0.127
104	-0.72	-0.9114
105	-1.002	-0.3935
106	-0.4888	-0.4501
107	0.0448	-0.3166
108	-0.6128	-0.3942

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
109	0.505	-0.7764
110	0.2827	0.1013
111	0.649	0.02762
112	-0.8077	0.1009
113	0.0925	0.3511
114	-0.2	-0.2714
115	-1.051	-0.4426
116	-1.045	-0.9264
117	-1.052	-0.6831
118	-0.8528	-0.7942
119	0.0175	-0.05387
120	-0.04953	-0.3009
121	-0.83	-1.021
122	-0.04719	0.07145
123	-0.7978	0.1008
124	-0.585	0.2836
125	0.3129	0.1115
126	-0.1238	-0.7351
127	-0.2728	-0.3742
128	-0.6355	0.4332
129	0.03516	0.8638
130	-0.5113	0.2674
131	-0.675	1.034
132	-1.23	0.1486
133	-0.3391	-0.6604
134	1.452	-0.0891
135	2.016	-0.2551
136	-1.227	-0.07809
137	-0.5383	-0.01965
138	-0.722	-0.7633
139	-0.9875	-0.1989
140	0.475	-0.6264
141	-0.6677	-0.6291
142	-0.37	-0.5414
143	-2.233	-0.5942
144	1.195	-0.1864

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
145	-0.5122	1.886
146	-0.9628	0.6258
147	-0.3332	-0.7345
148	1.02	0.1686
149		-0.3314
150	-0.2603	-0.6517
151	-0.6328	-0.9742
152	-0.915	-0.2564
153	-0.735	-0.2964
154	-0.2806	-0.532
155	-0.34	0.05863
156	0.11	0.05863
157	-0.3	0.4486
158	-0.3213	-0.01262
159	-0.265	-0.01637
160	-0.7914	-0.7727
161	-1.18	0.1783
162	-0.1061	-0.5675
163	-0.97	0.5686
164	-1.124	0.3644
165	-0.8606	-0.512
166	0.18	-0.7414
167	0.78	-0.4414
168	0.48	-1.441
169	0.3379	-0.1334
170	-0.8521	0.4665
171	-0.71	-0.04137
172	-1.405	
173	-1.462	-0.6131
174	-0.8202	-0.1515
175	-1.213	-0.5444
176	0.002422	-0.5389
177	-0.6286	0.12
178	-0.15	-0.2714
179	-0.4665	0.2322
180	-0.46	0.2386

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
181	-0.7216	-0.303
182	-0.38	-0.3114
183	-0.5623	-0.09363
184	-0.7445	-0.7359
185	-0.03484	-0.1662
186	-1.07	-0.6114
187	-1.643	-0.5539
188	-0.9761	
189	-1.242	-0.7534
190	-1.37	-0.8214
191	-0.6354	-0.8667
192	-0.7441	-0.07543
193	-0.7855	-0.2368
194	-1.044	-0.6157
195	-1.132	-0.6534
196	-1.09	-0.5309
197	-0.2352	-0.7366
198	-0.75	-0.6614
199	-0.3542	-0.4055
200	-0.775	-0.2164
201	-1.09	-0.4212
202	-0.3889	-0.7203
203	-0.3	-0.1914
204	-0.8028	-0.7942
205	-0.443	-0.3844
206	-0.7756	-0.667
207	-0.6672	-0.6586
208	-0.4075	0.2011
209	-1.005	0.7933
210	-0.76	0.2286
211	-1.467	-0.3181
212	-0.06438	-0.06574
213	-1.095	-0.7964
214	-0.972	-0.1934
215	0.3629	0.04152
216	-1.395	0.2636

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
217	0.9861	-0.9153
218	0.1187	0.3174
219	0.23	0.2386
220	0.42	0.1286
221	0.05375	-0.06762
222	-0.76	-0.03137
223	-0.5275	-0.03887
224	-0.5417	-0.4431
225	0.4241	0.0527
226	0.515	0.4236
227	-0.355	0.2336
228	-0.08	-0.3914
229	-0.57	
230	0.0003124	0.4789
231	0.07586	0.7645
232	-0.795	-0.3964
233	-1.067	0.8418
234	-0.16	0.3786
235	-0.433	0.04559
236	0.5894	-1.082
237	-0.6744	0.6943
238	-0.4022	1.706
239	-0.9153	0.5733
240	0.09125	0.4199
241	-0.09383	0.5248
242	-0.6	1.139
243	0.2812	-0.1301
244	-0.3195	0.01918
245	0.4675	0.6261
246	-0.09547	-0.03684
247	0.05178	0.09041
248	-0.4759	-0.5272
249	0.205	0.2336
250	-0.223	1.066
251	0.9083	1.017
252	0.355	1.074

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
253	0.37	1.019
254	0.3649	-0.6464
255	1.362	0.9108
256	-0.4764	3.082
257		0.00543
258	-0.9017	-0.4731
259	0.3994	0.158
260	0.1787	0.1574
261	-0.0475	-0.3889
262	-0.7761	-0.7475
263	-0.7039	-0.1753
264	0.625	-0.3764
265	0.8583	-1.163
266	0.7028	0.6514
267	0.7874	-0.634
268	-0.2739	0.9147
269	-1.288	2.111
270	0.09359	0.1822
271	-0.5337	0.7849
272	-0.46	0.5686
273	-0.1741	0.01449
274	0.1391	-0.7322
275	0.44	0.9786
276	0.6821	0.7008
277	-0.1	0.5686
278	-0.9106	0.548
279	0.3278	-0.2336
280	-0.5	0.7786
281	0.64	
282	-0.09219	1.446
283	0.06469	-1.027
284	0.4	-0.4514
285	-0.4328	-0.3442
286	0.0125	0.6111
287	0.1755	0.9741
288	-1.201	-0.502

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
289	-1.116	-0.8476
290	-1.224	
291	-1.374	-0.5755
292	-0.17	0.4186
293	0.6286	0.5972
294	0.81	0.008633
295	-0.17	-1.321
296	-0.3752	-0.8266
297	-0.2183	0.1704
298	0.02	-0.3314
299	1.788	0.4364
300	0.0725	0.1411
301	1.48	-0.1414
302	-0.828	-0.2394
303	-0.0275	0.3411
304	0.3158	-0.5855
305	0.4	-0.3514
306	-0.7656	0.03301
307	-0.48	1.019
308	-1.243	0.346
309	-0.2425	0.1461
310	0.5346	0.2033
311	0.0003124	0.008945
312	0.63	0.1786
313	0.1044	0.203
314	0.4861	-0.005273
315	0.04035	-0.08102
316	0.6	-1.711
317	0.0925	0.07113
318	0.3	-1.061
319	-0.515	-0.6564
320	-0.8127	-0.844
321	-0.7328	-0.04418
322	0.035	0.6036
323	-0.01422	-0.1356
324	1.63	-1.221

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
325	1.615	-0.8564
326	0.9486	-0.3028
327	-0.7078	0.8908
328	-0.9978	0.6208
329	-0.61	0.9286
330	-0.7378	0.5608
331	-0.86	0.2286
332	0.2725	-0.3089
333	-0.565	0.8336
334	0.01	0.03863
335	0.1761	-0.5153
336	-0.9947	-0.4761
337	-0.8825	-0.2839
338	-0.4743	-0.2857
339	-0.58	-0.1314
340	-0.92	-0.7014
341	0.115	0.1036
342	0.1514	0.06004
343	-0.6645	-0.1158
344	-0.54	-0.2314
345	0.1372	0.9258
346	-0.56	0.5086
347	-1.4	0.4386
348	-0.09219	-0.5736
349	0.0775	-0.2739
350	-0.21	0.5386
351	-0.02422	-0.3356
352	-0.5065	-0.03787
353	-0.61	0.1086
354	-0.665	-0.5364
355	-0.9175	-0.02887
356	-0.222	1.347
357	-0.2228	1.216
358	0.002266	1.381
359	-0.06359	1.105
360	-0.02609	0.002539

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
361	-0.335	0.6736
362	-0.3739	0.5147
363	-0.2775	-0.3989
364	-0.4475	-0.6289
365	-0.33	-0.6014
366	0.0003124	-0.3811
367	0.05	0.07863
368	-0.5415	-0.3729
369	-0.25	-0.2414
370	0.5219	-0.9895
371	-0.5	-0.1214
372	-0.5341	-0.05543
373	0.74	-0.2014
374		0.08004
375	-1.338	-0.2592
376	-0.4556	0.163
377	-0.75	-0.6214
378	-1.04	2.449
379	-0.4528	-0.07418
380	-0.8041	0.4346
381	-0.2375	-0.1489
382	-1.211	-0.4326
383	0.2393	0.08789
384	-0.4443	0.06434
385	-0.5675	-0.2489
386	0.14	-0.02137
387	-0.4213	0.5674
388	-0.32	0.04863
389	0.2562	-0.005195
390	0.1857	0.1543
391	-0.1769	0.1318
392	-0.1828	-0.1942
393	0.4084	0.137
394	-0.8228	-0.3842
395	-0.6111	-0.1225
396	0.4764	0.385

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
397	-0.7333	0.2354
398	-0.3	-0.4314
399	0.2722	-0.1892
400	0.03	-0.3514
401	-0.31	-0.3214
402	0.1263	
403	-0.48	-0.4514
404	-1.022	-0.4439
405	0.2925	0.6011
406	-1.182	0.6467
407	0.01	-0.05137
408	1.116	1.655
409	-0.19	0.3386
410	-0.05875	-0.08012
411	-0.71	-0.8014
412	-0.5372	-0.09855
413	0.001289	-0.3001
414	-0.6795	0.3591
415	0.62	0.3386
416	0.1334	0.002031
417	-0.09387	0.07477
418	-0.71	-0.4114
419	-0.07375	-0.7751
420	-1.14	-0.3614
421	1.06	0.3586
422	0.08875	0.2174
423	-0.05	
424	-1.28	1.279
425	-1.36	1.109
426	-0.1127	2.046
427	-0.3513	0.7674
428	-0.8713	1.707
429	-1.415	0.8736
430	-0.7475	0.8811
431	-0.7494	0.9893
432	-0.495	0.8936

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
433	0.5575	0.9561
434	-0.1184	1.49
435	-1.064	1.394
436	-1.564	1.285
437		1.419
438	-1.272	-0.1135
439	-0.1677	1.611
440	-0.74	-0.03137
441	0.23	0.07863
442	-0.205	-0.6764
443	-0.4455	0.03316
444	-0.71	0.02863
445	-0.265	0.07363
446	0.1648	-0.3266
447	0.0425	0.2511
448	-1.242	1.317
449	-0.7807	0.7179
450	-0.6769	0.6918
451	0.0975	0.1361
452	-0.0543	0.9043
453	-0.35	3.109
454	0.3548	0.06344
455	-0.1713	0.6974
456	3.128	0.0866
457	-0.2169	-0.6482
458	-0.595	
459	-0.72	0.04863
460	-0.5764	-0.6078
461	0.29	-0.1514
462	1.965	0.4736
463	-0.1878	0.2308
464	-0.31	0.3086
465	0.2454	-0.286
466	0.2239	-0.1475
467	0.31	0.3786
468	-0.3415	-0.6529

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
469	-0.805	0.4736
470	-0.4588	0.4299
471	-0.6939	-0.09523
472	-0.3	0.4286
473	-0.85	0.3286
474	-0.6545	0.4442
475	-0.1798	-0.001133
476	1.231	-0.3201
477	-0.5752	0.1434
478	0.05516	0.1338
479	-0.8222	-0.3036
480	0.6436	-0.3278
481	0.7293	-0.7221
482	0.34	-0.5714
483	-0.08594	-0.2873
484	-0.6	-1.211
485	-0.18	-0.4214
486	0.06797	-0.7034
487	0.8459	-0.1655
488	0.4687	-0.4826
489	0.1758	-0.4056
490	-0.34	-0.4014
491	0.3739	-0.09746
492	0.1906	-0.4507
493	-0.6511	0.1276
494	-1.103	-0.3942
495	-1.505	-0.07625
496	-0.01219	0.1364
497	-0.76	-0.6414
498	-1.361	-1.453
499	-0.77	-0.1614
500	-0.7937	0.2449
501	-0.8569	0.5918
502	0.14	-0.8814
503	0.245	0.1936
504	-1.265	0.5834

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
505	-0.21	-0.03137
506	-0.535	-0.4264
507	1.091	-0.0002734
508	0.12	-0.6214
509	-0.31	0.5786
510	-0.39	0.3386
511	-0.13	-0.3914
512	0.535	0.2036
513	0.9983	-0.2031
514	2.615	-0.7464
515	1.216	-0.3257
516	1.068	0.03645
517	-0.4327	-0.254
518	0.6056	-0.5857
519	-0.7628	0.4458
520	-0.26	-0.1914
521	-0.2355	0.4832
522	-0.08703	1.082
523	-0.5089	-0.2802
524	0.205	0.4136
525	-0.28	-0.3414
526	-0.3944	-0.6857
527	-0.2036	0.645
528	-0.1138	-0.4351
529	-0.7	0.4286
530	-0.3434	-0.8948
531	-0.4622	-0.5936
532	-0.42	0.4186
533	0.01586	-0.07551
534	0.4011	-0.0002734
535	1.184	0.4727
536	2.782	1.301
537	2.553	1.102
538	-0.2187	0.88
539	-0.3759	0.3128
540	1.038	0.4469

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
541	0.42	0.7886
542	1.229	0.458
543	0.03	1.369
544	1.137	1.656
545	0.57	1.079
546	0.57	1.159
547	0.8372	1.426
548	0.4002	0.3888
549	-1.072	-0.1936
550	-1.3	-0.4614
551	0.145	-0.1564
552	-1.243	-1.644
553	-0.88	-0.4414
554	-0.1189	-0.0002734
555	-0.36	0.4186
556	0.025	1.034
557	-1.085	-0.9664
558	-0.29	-0.2514
559	1.432	0.1308
560	-0.1194	0.1193
561	-0.13	-0.6114
562	0.34	-1.181
563	0.0003124	0.1889
564	-0.3377	0.1509
565	-0.8606	-0.212
566	-0.4989	-0.0002734
567	0.04875	-0.1426
568	0.6772	-0.00418
569	0.6716	0.4302
570	0.3131	-0.3682
571	0.1203	0.2689
572	-0.3739	0.3847
573	0.2734	-0.01797
574	0.5179	
575	1.336	0.3149
576	0.7308	0.2294

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
577	-0.36	0.5086
578	-0.413	0.2356
579	-0.2339	-0.7453
580	-0.06	0.06863
581	-0.1628	-0.2542
582	-0.3444	
583	-0.84	-0.7814
584	-0.17	1.029
585	0.5406	0.4693
586	0.2731	0.2118
587		0.1786
588	-0.001875	-0.4032
589	0.3232	2.242
590	-0.01438	-0.3057
591	-1.414	-0.2656
592	0.1851	0.1437
593	0.5648	-2.437
594	-0.04977	0.7389
595	-0.1606	1.578
596	-0.8388	-0.2201
597	-0.78	0.6086
598	-0.305	-0.07637
599	-0.38	0.1686
600		-0.8314
601	-0.02773	0.0209
602	0.6555	0.1542
603	-0.535	0.2736
604	-1.23	-0.2414
605	0.71	-0.2414
606	0.7858	-0.8655
607	-0.2825	-0.7439
608	-0.5533	-0.6446
609	0.6245	-0.3368
610	-0.4544	
611	-0.4513	-0.7726
612	0.09648	-0.4249

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
613	0.3472	-0.07418
614	0.6629	0.4215
615	0.2011	-0.0002734
616	0.8704	0.229
617	0.7094	-0.292
618	0.2	-0.7214
619	-0.83	-0.7914
620	-1.049	-0.1601
621	-0.695	-0.4764
622	-0.4741	-0.1955
623	-1.058	-0.7892
624	-0.4913	0.5074
625	-0.2942	0.5045
626	-0.685	0.7336
627	-0.34	-0.3714
628	0.19	0.01863
629	0.1075	-0.4839
630	-0.9577	-0.639
631	-1.127	0.7818
632	0.02625	0.7649
633	-0.09992	0.3987
634	0.71	-0.5214
635	-0.4126	0.256
636	-0.5189	-0.0002734
637	-1.02	0.07863
638	-0.7172	0.6914
639	-0.9438	-0.4151
640	-0.2269	0.6318
641	0.0793	0.03793
642	0.54	0.6286
643	-0.00125	-0.1526
644	-0.2106	-0.402
645	-0.9814	-0.1728
646	-0.06125	0.08738
647	-0.05484	0.4638
648	-0.18	-0.02137

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
649	-0.04	-0.1714
650		0.9548
651	-0.6475	0.2311
652	-1.354	0.5944
653	-0.2111	-0.2625
654	-0.1003	0.4883
655	-0.37	0.01863
656	-0.09688	-0.3382
657	-0.815	-0.7164
658	-0.3288	-0.7001
659	-0.1064	-0.9078
660	-0.4875	-0.3089
661	-0.6966	-0.2579
662	0.07625	0.3149
663	-0.9753	-0.2267
664	-1.702	-0.7739
665	-0.787	-0.5683
666		-0.2614
667	-0.5	1.269
668	0.0275	-0.003867
669	-0.4371	0.01158
670	-0.98	-0.07137
671	-0.2355	0.6432
672	-0.7177	0.1309
673	-0.6989	-0.4203
674	-1.45	-0.1514
675	0.1378	-0.2036
676	-0.31	0.2386
677	0.3638	-0.06762
678	-0.26	0.6086
679	-0.2	0.3786
680	-0.475	0.5736
681	-0.4722	-0.4536
682	-0.7939	-0.9953
683	-1.158	-0.8291
684	-1.47	-0.1214

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
685	-0.1013	-0.4826
686	-2.251	-1.663
687	-0.97	-0.9514
688	-0.78	-0.6714
689	-0.3328	-0.3442
690	-0.4041	-0.1655
691	-1.151	0.3074
692	0.0003124	-0.6511
693	-0.7677	-0.3191
694	-0.02406	-0.2254
695	-0.07375	0.03488
696	0.3987	-0.4126
697	-0.6478	-0.2492
698	-0.01695	0.1017
699	-0.96	-0.001367
700	-0.2934	0.2852
701	-0.03641	0.7022
702	-1.019	-0.1303
703	-0.9087	0.5599
704	-0.545	-0.3464
705	-0.1439	0.3947
706	-0.7397	0.8789
707	-0.4277	0.1509
708	-1.205	0.08363
709	0.6059	-0.5554
710	-0.4422	-0.3936
711	-0.7243	-0.4957
712	-1.114	-0.005195
713	-0.6045	0.02418
714	-0.8519	0.09676
715	0.33	-0.7614
716	-0.2929	0.5758
717	0.00375	0.1724
718	-1.171	-0.7826
719	-0.495	-0.4464
720	0.5	0.6286

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
721	0.545	0.2236
722	0.02969	
723	0.24	-0.5514
724	0.3294	0.348
725	-0.39	-0.6314
726	1.373	-0.6987
727	1.397	-0.6339
728	0.0457	-0.04566
729	-0.9972	0.08145
730	-1.056	
731	-0.29	-1.021
732	-0.2159	-0.02723
733	-0.07	-0.3914
734	1.243	-1.009
735	0.2751	0.1437
736		
737	1.219	0.8278
738	0.35	0.4786
739	0.5556	0.03426
740	-0.004375	0.1043
741	-0.1719	0.1568
742	-0.59	-0.2014
743	0.82	0.5686
744	0.2025	0.2611
745	1.296	-0.1651
746	-0.05418	-0.3555
747	-0.2825	-0.4739
748	0.6911	-0.0002734
749	0.6464	-0.475
750	0.6174	0.03604
751	-0.6388	-0.7602
752	0.1775	0.6161
753	0.7479	1.066
754	0.6267	0.1154
755	-1.703	-0.4446
756	0.455	0.01363

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
757	0.4229	0.5815
758	0.8056	-0.4657
759	0.87	-1.231
760	0.5283	0.5769
761	-0.7425	-0.5139
762	0.43	-0.5214
763	-0.6837	-0.3251
764	-0.412	0.0166
765	1.027	0.6354
766	0.9972	-0.02418
767	0.44	0.7686
768	0.5397	0.7083
769	-0.67	-0.3414
770	-0.3556	0.273
771	-0.07438	-0.01574
772	0.4456	-0.3157
773	-0.195	-0.2864
774	0.1175	-0.1739
775	-0.1725	-0.1739
776	-0.522	-0.2434
777	-0.2	
778	-0.825	0.1936
779	-0.002734	0.6859
780	0.7287	0.3074
781	0.2259	0.5445
782	0.2337	0.1123
783	0.6516	0.0002734
784	1.597	-0.3746
785	-0.66	-0.6014
786	0.735	-1.326
787	0.1358	0.3844
788	0.2178	0.1764
789	-1	-0.4414
790	-0.06	-0.3414
791	1.062	-0.1791
792	-0.2227	0.02598

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
793	3.386	-0.2453
794	0.365	-0.4764
795	0.44	0.08863
796	-0.4038	-0.1751
797	0.68	-0.4314
798	0.07281	-0.4486
799	0.5311	0.1897
800	1.186	0.165
801	1.551	0.5799
802	0.4625	0.1611
803	0.39	1.419
804	0.147	2.526
805	0.2755	-0.00582
806	2.07	-0.4714
807	2.108	0.2964
808	0.6356	-0.08574
809	0.94	0.3886
810	0.7628	0.09145
811	0.8011	-0.0002734
812	1.769	0.4374
813	1.135	-0.2164
814	1.176	0.09473
815	1.745	-0.6764
816	0.8606	-0.4007
817	1.535	0.5836
818	0.1431	0.2818
819	1.219	0.8474
820	1.467	-0.124
821	2.411	-0.0002734
822	1.21	-0.3014
823	0.8349	0.003555
824	0.5456	0.3143
825	0.5464	0.4851
826	0.313	-0.05832
827	0.9294	0.378
828	1.426	0.5048

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
829	1.258	0.1669
830	1.813	0.1816
831	1.618	0.157
832	2.184	0.4131
833	0.8325	0.5811
834	0.4916	2.8
835	0.8969	0.3955
836	0.7939	0.3125
837	1.256	0.1743
838	0.11	2.469
839	0.57	-0.2714
840	0.5351	-0.1363
841	0.475	-0.2564
842	-0.15	-0.1414
843	0.5343	-0.1171
844	0.0003124	0.1489
845	0.2873	-0.01402
846	0.6478	0.4064
847	0.1612	0.03988
848	1.218	0.1269
849	1.34	0.4386
850	0.79	0.3086
851	1.388	0.3261
852	2.36	0.5086
853	1.679	-0.3326
854	1.247	-0.2948
855	1.709	0.01738
856	1.786	0.1449
857	2.4	-0.06137
858	2.1	0.2486
859	1.248	0.006758
860	1.695	0.8036
861	1.935	0.4436
862	1.506	0.9843
863	1.097	0.05582
864	1.305	0.003633

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
865	1.311	0.3997
866	2.038	0.1364
867	1.261	-0.03043
868	1.593	0.2818
869	1.143	0.09145
870	1.663	0.3614
871	0.9516	0.01027
872	0.9563	0.08488
873	1.41	-0.02137
874	1.419	-0.01191
875	2.218	-0.05387
876	0.9	-0.3714
877	1.148	0.2169
878	1	0.2186
879	2.264	-0.007617
880	0.8848	-0.7166
881	1.212	0.2511
882	1.136	
883	0.9473	0.476
884	1.108	0.1968
885	2.662	0.5409
886	1.441	-0.0002734
887	0.7325	0.5411
888	0.06875	-0.02262
889	0.2236	-0.3878
890	0.2441	0.1828
891	0.7383	0.5169
892	0.3689	0.5775
893	-0.06766	-0.159
894	0.0525	-0.3289
895	0.1013	-0.6701
896	2.115	0.06387
897	-0.01109	0.2675
898	0.3611	0.7397
899	1.25	-0.02137
900	0.22	2.929

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
901	1.209	-0.1428
902	1.061	-0.0002734
903	-0.02125	-0.3126
904	0.3894	-0.152
905	0.69	-0.02137
906	2.016	-0.1157
907	1.362	-0.2895
908	0.4383	-0.4931
909	0.09813	0.3668
910	1.356	-0.5451
911	-0.1441	-0.5255
912	0.3275	-0.9439
913	0.8875	0.6661
914	1.05	
915	1.037	-0.1942
916	0.2983	-0.2331
917	0.62	-0.09137
918	1.248	0.1164
919	-0.07172	0.5069
920	0.9124	-0.9589
921	1.95	1.459
922	0.7958	0.5944
923	1.647	0.3558
924	0.4759	0.1146
925	-0.3978	0.2408
926	0.7222	0.2608
927	1.345	0.5934
928	0.26	-0.01137
929	1.07	0.07863
930	0.79	0.2386
931	0.5725	0.2511
932	-0.2206	-0.862
933	1.547	
934	0.44	-0.8014
935	0.9926	-0.3288
936	0.6787	-0.1326

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
937	0.4714	-0.43
938	1.302	-0.6098
939	0.955	-0.4464
940	0.32	0.1386
941	0.69	-0.2814
942	1.048	-0.4434
943	1.626	-0.6852
944	-0.4289	0.7397
945	-0.9877	0.6109
946	-0.18	0.4386
947	2.27	2.039
948	1.275	0.4936
949	1.75	
950	2.111	-0.0002734
951	0.6661	-0.3453
952	0.12	-0.1014
953	0.1844	0.03301
954	0.865	0.2536
955	0.535	0.2336
956	0.35	-0.3214
957	0.007187	-0.8042
958	-0.01391	-0.3253
959	0.2362	-0.2851
960	0.7359	-0.3154
961	0.9	-0.3414
962	-0.2847	
963	0.7067	-0.2246
964	0.253	-0.4084
965	1.341	0.6299
966	-0.5006	-0.03199
967	0.15	-0.02137
968	0.3134	-0.298
969	0.4756	-0.3957
970	0.5559	-0.1155
971	-0.1461	-0.04746
972	-0.1551	-0.6065

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
973	-0.561	-0.3923
974	0.1952	-0.5762
975	-0.13	-0.5814
976	0.265	-0.9164
977	0.2587	-0.2626
978	0.6727	-0.2887
979	-0.205	-0.4164
980	-0.02312	0.2755
981	0.6	0.08863
982	0.1593	0.3579
983	-0.29	-0.03137
984	-0.4041	-0.3954
985	-0.8284	-0.1398
986	-0.3241	0.1345
987	-0.6175	0.3011
988	-0.385	0.1336
989	-0.11	-0.2814
990	0.9025	0.2711
991	0.9213	0.09994
992	-0.4453	0.1833
993	0.1612	0.3499
994	0.77	0.7786
995	0.215	-0.3564
996	1.052	0.7311
997	-0.152	0.6666
998	0.58	-0.7014
999	0.2156	-0.3057
1000	-0.08	-0.2814
1001	-0.0752	-0.3866
1002	0.01016	0.5088
1003	0.2041	-0.7572
1004	-0.055	-0.8064
1005		-0.7017
1006	0.45	-0.6614
1007	-0.41	-0.2914
1008	0.0125	-0.8889

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1009	-0.6775	0.3411
1010	-0.4875	-0.2589
1011	-0.3	-0.1014
1012	-0.26	-0.8314
1013	0.4345	-0.4868
1014	-0.04984	0.2488
1015	-0.1006	-0.102
1016	0.3476	0.6862
1017	-0.13	0.1586
1018	0.54	0.1686
1019	-0.07082	0.3178
1020	-0.04	0.2786
1021	0.05406	
1022	-0.05	0.4486
1023	0.27	0.6986
1024	0.4858	-0.04559
1025	-0.295	-0.3864
1026	-0.2798	-0.2612
1027	-0.9156	-0.247
1028	-0.122	-0.1234
1029	0.33	1.889
1030	0.6929	
1031	-0.1769	0.4818
1032	-0.21	1.349
1033	0.0334	0.002031
1034	-0.004844	0.03379
1035	-0.34	-0.1214
1036	0.1261	-0.9153
1037	0.2594	-0.252
1038	-0.06836	0.01027
1039	0.69	-0.09137
1040	0.8075	0.4461
1041	0.485	-0.03637
1042	1.408	0.2361
1043	-0.006484	-0.1579
1044	0.72	-0.02137

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1045	0.7625	-0.2889
1046	0.443	-0.1183
1047	0.8627	-0.3886
1048	0.3805	0.00918
1049	0.06574	-0.2456
1050	0.1827	-0.2186
1051	0.5944	-0.02699
1052	0.2184	-0.443
1053	0.045	0.05363
1054	-0.2033	-0.004688
1055	0.3912	0.8399
1056	0.5417	0.8004
1057	-0.7525	0.3061
1058	0.08625	-0.02512
1059	0.02	-0.02137
1060	0.0003124	-0.6211
1061	0.3131	-0.6882
1062	0.09937	0.118
1063	-0.43	-0.3414
1064	1.085	0.1836
1065	0.52	-0.1014
1066	0.5444	0.153
1067	0.3021	0.03074
1068	-0.2144	-0.5057
1069	0.24	-0.5214
1070	0.5394	-0.612
1071	0.025	0.1136
1072	0.254	-0.2174
1073	-0.3138	-0.2651
1074	0.05734	0.296
1075	-0.214	-0.3054
1076	0.1322	0.4008
1077	0.08375	-0.7576
1078	-0.0125	0.3961
1079	-0.4431	-0.2645
1080	1.341	-0.0002734

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1081	0.4379	0.1365
1082	0.02	0.08863
1083	-0.3672	0.4114
1084	-1.022	0.06613
1085	-0.3569	-0.9382
1086	0.4425	-0.5189
1087	1.5	0.7486
1088	1.648	0.1264
1089	0.6362	0.7948
1090	0.86	-0.7214
1091	0.96	0.09863
1092	-0.09	0.008633
1093	1.197	-0.09402
1094	1.031	0.1698
1095	1.026	0.4143
1096	0.7012	-0.04012
1097	0.8	0.02863
1098	0.7922	0.3408
1099	1.323	-0.008008
1100	0.915	-0.5964
1101	0.355	0.01363
1102	-0.4328	-0.5242
1103	0.41	-0.7514
1104	0.3296	0.9783
1105	-0.02758	-1.009
1106	0.4795	0.2881
1107	-0.405	1.304
1108	-0.2919	0.1568
1109	0.22	-0.02137
1110	0.61	-0.2014
1111	0.7261	-0.1553
1112	-0.3278	0.2208
1113	0.8075	-0.04387
1114	0.4805	-0.0008203
1115	-0.09945	-0.02082
1116	0.978	0.3566

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1117	0.3761	0.6748
1118	-0.3372	0.3514
1119	0.6425	-0.05887
1120	-0.11	-0.4214
1121	0.2029	0.1515
1122	0.245	0.2636
1123	-0.1514	0.3672
1124	-0.007656	0.291
1125	0.0003124	0.4889
1126	-0.5741	0.5046
1127	-0.1391	-0.6405
1128	0.3287	-0.3826
1129	0.2861	0.004727
1130	0.015	-0.1764
1131	0.1956	0.06426
1132	0.72	0.08863
1133	0.9199	0.1485
1134	1.011	0.3393
1135	0.1893	-0.04207
1136	0.8022	
1137	-0.15	0.7386
1138	0.8686	0.03723
1139	0.2122	0.6508
1140	0.8247	0.8333
1141	1.197	0.256
1142	1.462	0.6011
1143	0.1525	0.2111
1144	-0.335	0.7236
1145	1.25	0.5386
1146	0.0003124	0.7689
1147	0.17	0.3086
1148	0.865	-0.07637
1149	1.1	-0.2614
1150	-0.004844	1.114
1151	0.33	0.4086
1152	0.4794	-0.03199

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1153	1.323	0.1118
1154	0.6566	
1155	0.6462	-0.2051
1156	0.215	0.03363
1157	1.165	-0.8764
1158	1.371	-0.2801
1159	-0.46	
1160	1.65	-0.2714
1161	0.8587	0.5174
1162	-0.2638	-0.6251
1163	0.03	0.2986
1164	0.2411	-0.0002734
1165	0.5302	-0.2011
1166	0.4462	0.4649
1167	0.91	-0.6114
1168	0.4787	-0.9326
1169	-0.0225	0.2161
1170	-0.05	0.3586
1171	1.61	-0.6214
1172	-1.111	-1.132
1173	-0.105	-0.1764
1174	0.25	0.2986
1175	0.5329	0.3415
1176	0.6431	0.5618
1177	-1.328	-0.3492
1178	0.8121	0.6407
1179	-0.2678	-0.2392
1180	0.1742	-0.2171
1181	0.4494	-0.752
1182	0.1667	0.6454
1183	-0.7028	1.136
1184	-0.68	-0.4214
1185	-0.1069	0.4618
1186	0.9025	0.6511
1187	0.3	0.4586
1188	-0.92	-0.4814

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1189	0.04281	-0.2186
1190	0.08734	-0.394
1191	-0.2844	-0.3857
1192	-0.3091	-0.5204
1193	0.1239	-0.5575
1194	-0.21	-0.9614
1195	0.5144	-0.137
1196	0.2859	0.2146
1197	-0.655	-0.5864
1198	-0.4022	-0.5436
1199	-0.53	0.1186
1200	0.2941	0.1028
1201	0.425	-0.4764
1202	-0.1941	-0.1955
1203	0.78	-0.4314
1204	1.308	0.9761
1205	0.2091	1.288
1206	-0.2717	1.487
1207	-0.1402	-0.4816
1208	-0.61	0.7586
1209	-0.085	0.3536
1210	-0.5517	
1211	0.1304	-0.2809
1212	-0.05484	0.7838
1213	-0.1544	-0.1157
1214	0.42	-0.001367
1215	0.22	0.8286
1216	0.3011	0.8197
1217		0.2298
1218	0.7025	-0.4289
1219	0.6034	0.04199
1220	0.005156	0.2938
1221		-0.09574
1222	0.0003124	-1.081
1223	-0.33	-0.1414
1224	-0.2177	-0.0291

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1225	-0.5944	-0.4857
1226	1.026	-0.1954
1227	0.8024	0.111
1228	-1.28E-08	-0.1014
1229	0.5484	-0.403
1230	-0.1717	0.04691
1231	-0.1131	0.6355
1232	-0.0207	0.09793
1233	0.3	-0.4614
1234	1.03	-0.8714
1235	0.2715	-0.3899
1236	0.001406	-0.28
1237	1.4	0.3786
1238	-0.03	0.01863
1239	-0.1984	0.7002
1240	2.14	-0.5212
1241	-1.40E-11	-0.1614
1242	0.1425	0.2711
1243	-0.6092	0.1694
1244	-1.297	0.05176
1245	1.233	-1.169
1246	0.32	1.149
1247	0.31	-0.07137
1248	0.32	0.4686
1249	0.05	0.3586
1250	1.828	0.9766
1251	-0.1068	0.9119
1252	-0.01	1.189
1253	0.965	0.5236
1254	-0.19	0.7786
1255	0.4949	2.104
1256	-0.47	-0.4814
1257	-0.03	0.4186
1258	-0.3069	-0.4182
1259	-0.8633	-0.4446
1260	-0.4352	-0.4666

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1261	0.715	-0.03637
1262	0.07801	-1.013
1263	-0.62	-0.8214
1264	0.4275	-0.04387
1265	0.9548	
1266	-0.09563	-1.007
1267	0.3244	-0.09699
1268	-0.9844	-1.076
1269	-0.8109	-0.002227
1270	0.2693	-1.082
1271	-0.08	-0.06137
1272	-0.18	0.7786
1273	-0.3344	0.01426
1274	-0.04125	-0.03262
1275	-0.9175	-0.6289
1276	-0.5213	-0.2126
1277	0.432	-0.7694
1278	-0.68	-1.541
1279	-1.084	1.454
1280	2.588	0.4262
1281	0.56	-0.2014
1282	0.29	-0.3414
1283	-0.1661	-0.08746
1284	0.3011	-1.22
1285	-1.354	-0.8154
1286	0.2975	-0.4839
1287	0.06437	-0.297
1288	-0.98	0.3286
1289	-0.27	0.3886
1290	1.355	
1291	-0.005469	-0.8668
1292	-0.1778	-0.2692
1293	0.004141	
1294	0.4155	0.8541
1295	-0.2356	-0.177
1296	0.0003124	0.1889

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1297	-0.2	-0.3914
1298	-0.14	-0.4014
1299	0.3187	-0.4126
1300	0.4	0.8386
1301	-0.2551	-0.006445
1302	-1.183	0.396
1303	0.7259	-0.1954
1304	-1.191	-0.702
1305	0.123	1.082
1306	-0.0775	-0.1889
1307	-0.8895	0.00918
1308	-0.9976	-0.329
1309	-0.5625	-0.7239
1310	-1.364	-0.5851
1311	0.02625	0.2249
1312	0.1134	0.06203
1313	0.1336	0.6322
1314	0.4721	0.4307
1315	0.37	0.9186
1316	3.015	2.434
1317	3.502	4.52
1318	1.317	0.9354
1319	1.818	0.1967
1320	1.306	0.3343
1321	0.4345	0.3532
1322	1.669	0.5572
1323	1.837	0.6358
1324	0.91	-0.2414
1325	0.05609	-0.5753
1326	-0.11	0.7986
1327	-1.026	0.2225
1328	-1.036	-0.3976
1329	-1.201	-0.4426
1330		-0.005664
1331	-0.3533	-0.6246
1332	-0.8488	0.4999

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1333	-0.7744	-0.3257
1334	-0.3278	0.07082
1335	-1.422	-0.1633
1336	-1.208	0.1609
1337	-0.5156	1.133
1338	0.5045	-0.5268
1339	-0.4156	-1.087
1340	-0.05	-1.321
1341	0.358	0.2366
1342	0.2044	-1.137
1343	-0.22	0.2886
1344	0.454	-0.02738
1345	-0.465	0.6937
1346	1.616	-1.296
1347	-1.522	-0.002891
1348	-1	0.8683
1349	0.5594	-0.332
1350	0.009805	0.7584
1351	1.805	0.5936
1352	1.093	0.0116
1353	0.6939	0.4225
1354	0.005	0.5436
1355	0.76	0.8486
1356	0.5159	0.7146
1357	0.855	0.09363
1358	0.8624	0.361
1359	0.3383	0.01691
1360	0.26	-0.5714
1361	0.5087	-0.4726
1362	0.25	1.519
1363	0.369	0.4976
1364	0.3	0.9986
1365	-1.411	-0.7321
1366	0.3573	0.2859
1367	-0.64	-0.2614
1368	0.145	

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1369	0.2471	0.9657
1370	-0.1	0.2286
1371	-0.31	0.4986
1372	0.825	-0.7864
1373	0.5	0.5986
1374	0.465	0.5636
1375	-0.07	0.7386
1376	0.2664	-1.035
1377	0.2925	0.1911
1378	1.186	0.3946
1379	1.315	0.06344
1380	0.445	1.274
1381	-0.1713	-0.06262
1382	-0.4944	0.9243
1383	-1.15	-0.2614
1384	0.22	0.6586
1385	0.22	0.9186
1386	-0.1984	0.2802
1387	0.2	3.019
1388	-0.6906	2.728
1389	0.6938	0.8024
1390	0.009844	0.2585
1391	-0.1154	0.3433
1392	-0.1913	0.7374
1393	0.3194	0.428
1394	0.02594	0.3046
1395	-0.21	0.6086
1396	-0.28	0.3486
1397	-0.265	0.3536
1398	0.4373	0.846
1399	-0.7022	1.656
1400	-0.0552	-0.1766
1401	-0.03	0.4586
1402	1.972	-0.2498
1403	0.57	-0.6914
1404	-0.1839	0.09473

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1405	-0.488	0.1406
1406	1.539	1.498
1407	0.28	0.6186
1408	0.7728	0.4014
1409	3.4	1.119
1410	3.478	1.027
1411	3.68	1.219
1412	0.4159	-0.08543
1413	0.4657	-0.2357
1414	0.04391	0.1325
1415	0.035	0.6336
1416	0.4025	0.2311
1417	0.1656	0.2043
1418	0.7044	0.483
1419	1.349	0.1974
1420	1.822	0.06082
1421	-0.7313	1.457
1422	1.132	0.4706
1423	0.875	-0.2164
1424	0.4675	0.6361
1425	0.26	0.2886
1426	0.1761	0.6747
1427	0.14	-0.2514
1428	0.2672	0.2158
1429	-0.1389	-0.0002734
1430	-1.365	0.1132
1431	1.061	0.29
1432	0.82	1.219
1433	-0.6	-0.7014
1434	0.0003124	1.029
1435	0.1016	-0.6498
1436	0.01594	0.02457
1437	-0.5433	0.1154
1438	-1.014	-0.4951
1439	0.01016	0.6988
1440	-0.55	0.7686

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1441	-1.621	2.308
1442	-1.016	1.952
1443	-0.03563	-0.187
1444	-0.04695	-0.7483
1445	0.311	0.7596
1446	0.03	0.2686
1447	-0.3395	-0.0008203
1448	-0.3409	-0.2823
1449	0.1128	0.2514
1450	0.75	0.5486
1451	1.02	1.179
1452	0.7311	-0.0002734
1453	1.137	0.1958
1454	0.35	-0.2914
1455	-0.6622	-0.2636
1456	0.0003124	-0.5111
1457	0.7	0.4986
1458	1.07	1.749
1459	0.2287	0.7974
1460	1.57	-0.4314
1461	0.8357	0.5143
1462	-0.3	0.8486
1463	0.1425	-0.4989
1464	-0.2589	-0.2502
1465	-0.2006	-0.001992
1466	-1.263	0.5559
1467	0.0003124	-0.8411
1468	0.2287	0.4774
1469	0.34	-0.001367
1470	-0.4345	0.02418
1471	-0.16	-0.5614
1472	-0.4269	0.2618
1473	1.269	0.5474
1474	0.8011	-0.0002734
1475	1.01	-0.2914
1476	0.15	0.4286

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1477	-2.351	0.7774
1478	-0.8588	0.6199
1479	-0.8052	-0.3466
1480	0.09219	-0.4792
1481	0.1	-0.5714
1482	-1.019	-0.0002734
1483	-1.46	0.9386
1484	-1.498	-0.569
1485	-0.5761	-0.9075
1486	0.425	1.454
1487	-0.09203	0.3866
1488	-0.095	0.01363
1489	-0.06805	-0.5994
1490	-0.3504	1.138
1491	0.641	-0.1504
1492	0.96	-0.7414
1493	0.5	0.06863
1494	-0.64	0.2986
1495	-0.3516	0.01699
1496	0.5048	0.04344
1497	-0.3258	0.5829
1498	-0.56	-0.4214
1499	-0.6482	0.7004
1500	0.01125	
1501	-0.45	0.01863
1502	1.02	-0.2215
1503	-0.64	-0.2414
1504	-1.491	-0.362
1505	-1.65	0.9086
1506	-1.365	0.9136
1507	-1.15	-0.9614
1508	-0.4125	-0.3239
1509	-0.2869	-0.03824
1510	-0.3925	-0.2939
1511	0.3987	1.197
1512	0.32	0.4786

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1513	-0.06125	0.4574
1514	0.5556	0.7743
1515	-0.6525	-0.4939
1516	-1.036	-0.8376
1517	0.362	-0.8394
1518	0.5971	0.7957
1519	-0.3735	-0.8149
1520	0.9272	-1.644
1521	0.02016	
1522	0.3361	0.3047
1523	0.08	-0.3714
1524	0.5139	-1.167
1525	0.6593	-0.8221
1526	0.2322	0.3908
1527	-1.371	-0.9827
1528	-1.226	
1529	0.6811	-0.0002734
1530	0.9573	0.04598
1531	0.2791	0.6578
1532	0.94	0.7386
1533	0.2744	-0.07699
1534	0.28	0.03863
1535	0.4569	0.06551
1536	-0.09414	0.4945
1537	0.0003124	0.8389
1538	-1.329	0.8099
1539	-1.566	1.032
1540	-0.3141	0.4345
1541	0.4944	-0.997
1542	0.4072	0.9958
1543	0.1448	1.113
1544	0.36	0.7086
1545	0.2987	0.6274
1546	1.384	-0.2275
1547	-0.8844	-1.156
1548	-0.112	0.7067

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1549	1.039	0.2474
1550	1.526	0.3449
1551	1.18	0.6086
1552	0.1537	-0.2177
1553	0.5139	0.2225
1554	-0.56	
1555	0.2692	0.1179
1556	0.17	0.5286
1557	-0.02625	0.8624
1558	0.835	-0.4664
1559	0.857	-0.3944
1560	0.3551	0.04375
1561	0.01016	0.5388
1562	-0.5141	-0.4255
1563	0.2036	-0.08777
1564	0.8145	-0.5668
1565	0.8687	-0.6526
1566	0.6858	-0.3856
1567	1.834	-0.03746
1568	1.277	-0.3142
1569	0.71	1.329
1570	-0.0075	0.3011
1571	0.1436	-0.07777
1572	-0.3769	0.1718
1573	0.085	0.9036
1574	-0.25	1.179
1575	0.5028	0.4814
1576	1.103	0.8514
1577	0.5587	-1.193
1578	1.646	-0.3153
1579	1.201	0.8195
1580	0.8562	0.7549
1581	1.11	0.3986
1582	1.28	-0.5014
1583	1.034	-0.6178
1584	1.026	0.3746

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1585	0.14	-0.04137
1586	0.5236	0.3022
1587	0.525	-0.1564
1588	-0.03605	0.8426
1589	1.663	-0.01855
1590	1.456	0.4043
1591	0.7417	0.02031
1592	0.07562	0.2743
1593	0.8607	0.8893
1594	-0.4172	0.9814
1595	-0.2733	0.1054
1596	-0.38	0.1086
1597	-0.4989	0.1097
1598	0.0003124	0.1089
1599	-3.03	
1600	-2.82	-1.441
1601	-0.5113	-0.08262
1602	-1.623	-0.06473
1603	0.003516	-0.9179
1604	-0.3038	-0.6952
1605	0.565	0.5636
1606	2.339	0.6672
1607	1.815	0.8636
1608	1.605	0.4536
1609	1.029	0.1677
1610	-1.246	0.1624
1611	-1.503	0.5254
1612	-0.02	-0.6114
1613	-0.5422	-0.8236
1614	-0.7761	-0.4775
1615	-0.8141	-0.7155
1616	0.3145	-0.6168
1617	0.9161	-0.4452
1618	0.7539	-0.6875
1619	0.04656	0.3452
1620	0.0757	0.1643

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1621	0.995	0.3636
1622	0.7345	0.08316
1623	0.3848	-0.1166
1624	0.09	0.03863
1625	-0.2033	0.3454
1626	1.075	
1627	0.04625	0.3349
1628	-0.4	0.3486
1629	-0.2013	0.5174
1630	-1.208	-0.04887
1631	0.9237	-0.0577
1632	2.097	-0.4142
1633	1.693	0.08156
1634	-0.2052	-0.3066
1635	0.3375	-0.4239
1636	-0.4531	0.4755
1637	1.531	-1.601
1638	-0.04703	-0.2584
1639	-0.09609	-0.1375
1640	-0.1775	-0.2689
1641	-0.24	-0.5614
1642	-0.7743	0.5643
1643	-1.362	0.00668
1644	-0.8043	0.8843
1645	-0.8	0.6586
1646	-0.5394	0.3393
1647	-0.2838	0.1149
1648	0.85	0.6386
1649	-0.4	0.03863
1650	-0.2944	1.664
1651	-0.7556	0.563
1652	-0.27	0.1386
1653	0.19	-0.6914
1654	1.062	-0.1892
1655	1.141	-0.21
1656	0.07586	-0.08551

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1657	-0.4727	-1.154
1658	-0.6443	0.1543
1659	-0.4079	0.6008
1660	-0.5281	-0.7395
1661	-1.32	-0.3314
1662	-0.525	-0.3864
1663	-0.6544	
1664	-0.38	-0.03137
1665	-1.102	-0.1939
1666	-0.86	-0.4114
1667	-0.7127	0.02598
1668	-0.6789	
1669	-0.2213	-0.2226
1670	-0.61	-0.05137
1671	-0.3804	-0.5917
1672	-0.41	-0.1814
1673	-0.22	0.3586
1674	-1.306	-0.5171
1675	-0.05141	0.007227
1676	-0.8363	-0.1376
1677	-0.5441	-1.005
1678	-0.19	-0.5714
1679	-0.63	
1680	-1.279	-0.9507
1681	0.359	0.1876
1682	-0.2589	-0.0002734
1683	-0.39	-0.09137
1684	-0.1166	-0.508
1685	0.6569	0.2155
1686	0.9436	0.1422
1687	-0.47	0.3686
1688	-0.565	0.04363
1689	0.39	-0.4914
1690	-1.478	-0.8089
1691	1.091	-0.0002734
1692	1.566	-1.266

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1693	1.152	-0.9092
1694	1.502	-0.4296
1695	0.795	-0.4664
1696	-0.2462	-0.4476
1697	-0.01625	0.2724
1698	-0.01	-0.6814
1699	0.4494	-0.882
1700	-0.5869	-0.3782
1701	-0.2	0.1786
1702	-0.2213	0.1074
1703		-1.111
1704	0.07625	0.5549
1705	-0.12	-0.2414
1706	0.53	-0.6814
1707	0.715	-1.016
1708	-0.001719	-1.003
1709	-1.107	1.921
1710	-0.3128	2.496
1711	-0.06641	1.622
1712	-0.2203	2.188
1713	-0.1835	1.715
1714	0.1944	1.953
1715	0.02672	1.815
1716	0.2372	1.816
1717	0.08	3.299
1718	0.0003124	3.019
1719	-0.13	2.749
1720	-0.327	3.362
1721	-0.4875	1.071
1722	-0.6852	-0.5766
1723	0.5225	-0.3089
1724	0.45	0.2486
1725	1.356	-1.085
1726	0.9687	0.8274
1727	-1.5	-0.3914
1728	-0.3338	-0.4251

Table 1

	NORWAY 48-BE	NORWAY 47-BE
	ARRY63X	ARRY17X
	1	1
1729	-1.64	0.8186
1730	-0.3433	0.08535
1731	-1.206	1.333
1732	-1.26	-0.3614
1733	0.277	0.1256
1734	-0.42	0.2686
1735	-0.3142	-0.8956
1736	1.838	0.3568
1737	1.347	-0.5146
1738	1.812	1.681
1739	-0.5381	0.3005
1740	0.72	-0.2414
1741	0.06313	-0.09824
1742	0.445	0.2436
1743	0.3472	-0.6742
1744	1.065	0.4536
1745	-0.925	-0.4464
1746	-0.9413	-0.6126
1747	-0.915	-1.006
1748	3.461	0.07988
1749	2.352	2.031
1750	0.34	0.2886
1751	0.05965	
1752	-0.61	0.4486
1753	-0.4578	0.08082

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